



DataComm Products and Equipment Catalog



IDEAL DataComm

CUT

STRIP

TERMINATE

TEST

CERTIFY



The way
every job
should be



IDEAL DataComm is dedicated to helping low voltage/datacomm professionals keep networks up and running. The system of products we have thoughtfully crafted **ensures the highest-quality** terminations with the ease-of-use you would expect from IDEAL. Our DataComm line includes a system solution for paired conductor, coax and fiber optic cabling.

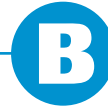
www.idealindustries.com

Paired Conductor Products



Wire Cutters A-2
Wire Strippers A-2
Crimp Tools A-4
Punch Down Tools A-5
Tool and Connector Kits A-5
Wall Plates A-9
Cables A-10
Connectors A-10

Coaxial Termination Products



Tool Selection Chart B-2
Wire Cutters B-3
Wire Strippers B-3
Crimp Tools B-4
Compression Tools B-6
Connectors B-7
Splitters B-8
Wall Plates B-8
Tool and Connector Kits B-9
BNC Coaxial Connectors B-12

Fiber Optic Products



Wire Strippers C-2
Fiber Optic Accessories C-3

Test Equipment



Qualification Testers D-2
Certification Testers D-4
Hand-Held Testers D-7

Related Products



Resources E-1
Multi Media Installation Guide E-3
Technical Information E-12
Residential Coax Application Guide E-13

Index



Alphabetical Index F-1
Catalog Number Index F-3

New Products



Grounding Block

- Solid zinc alloy, nickel plated and chromate finished
Page B-8



Mini Coax Stripper

- Adjustable stripper for mini coax cable
Page B-3

Compression Connector Installation Kit

- Three tools in one handy pouch that clips easily to your belt.
Page B-9



OmniSeal™ PRO Compression Tools

- Compression tools now offer additional features and increased connector compatibility
Page B-6



8-Way Splitter

- Designed for easy mounting over cable
Page B-8



Diplexer

- Combine or split cable/antenna signals with satellite signals
Page B-8

Push-on RG-59 & RG-6 Quad F-Connectors

- No termination tool needed, permanent connections
Page B-7



Coax/UTP Cable Stripper

- Strips UTP cable, RG-59 coax and RG-6 coax and features a primary and secondary strip cartridge
Page B-3



SecuriTEST™ CCTV/Security Tester

- Versatile all-in-one installation and troubleshooting tool for the CCTV professional
Page D-7

SIGNALTEK™-FO Multimedia Qualification Tester

- Offers copper and fiber optic testing
Page D-2



A



Paired Conductor Products

Data T[®]-Cutter

45-075



45-074

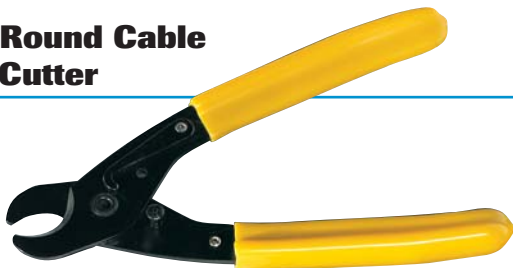


Cuts round communication and structured wiring cables and maintains cable geometry for better cable performance. Data T[®]-Cutter cuts multi-pair cable up to .500 in. (12.7 mm) and coaxial cable up to RG-9/U. Blade cutting capabilities suitable for soft cables (not ACSR).

- Steel reinforced center conductors can be trimmed with bolt cutting holes
- Data T[®]-Cutter II designed for RG-58 and RG-6 coaxial cable
- Cushioned comfort grip handles
- Locking latch keeps tool closed in pouch

| Description | Cat. No. |
|--------------------------------|----------|
| Data T [®] -Cutter | 45-074 |
| Data T [®] -Cutter II | 45-075 |

Economy Round Cable and Wire Cutter



Cuts multi-conductor cable up to .500 in. (12.7 mm) and solid or stranded wire up to #8 AWG (10 mm²).

- Built-in return spring, locking latch
- Soft handles for a comfortable grip
- Stamped, hardened steel frame with curved cutting blades

| Description | Cat. No. |
|--|----------|
| Multi Conductor Cable to .500 in. (12.7 mm) Solid or Stranded | 35-051 |

Underground Feeder (UF) Cable Stripper

Works great on Category Cable!

- Self-adjusting stripping blades automatically select proper position
- Strips 12 AWG solid to 14 AWG Underground Feeder (UF) Cable
- Strips Twin and Earth cable
- Open-throat construction allows unlimited strip length



45-235

| Description | Cat. No. |
|-----------------------------------|----------|
| Underground Feeder Cable Stripper | 45-235 |
| Replacement blade set | 45-234 |

Tele T[®]-Stripper

Strips and cuts flat telephone cable easily. Cuts outer insulation without nicking inner conductors.

- Built-in stripping guide for 8-position or 6-position modular plugs
- Spring-opening returns handles to place after every use
- Ergonomic, comfort-grip handles



| Description | Cat. No. |
|-------------------------------|----------|
| Tele T [®] -Stripper | 45-076 |

Telephone Line Cord Stripper

- Cuts and strips flat telephone cable for RJ-11 and RJ-45 modular plugs
- Built-in stripping guide provides correct strip lengths



| Description | Cat. No. |
|--|----------|
| Telephone Line Cord Stripper and Cutter for RJ-11 and RJ-45 Flat Telephone Cable | 45-519 |

Coax/UTP Cable Stripper

- Features a primary and secondary strip cartridge
- Strips UTP, RG-59 and RG-6 coax cable
- Rotates easily around finger
- Push-on ring for easy connector termination



| Description | Cat. No. |
|-------------------------|----------|
| Coax/UTP Cable Stripper | 45-603 |

Paired Conductor Products

Cyclops® Data Cable Stripper

Fast, easy removal of outer sheath insulations (PVC and Plenum types) from all Unshielded Twisted Pair (UTP), Shielded Twisted Pair (STP) and multicore cables up to .433 in./11 mm in diameter.



| Description | Cat. No. |
|--|----------|
| For Unshielded and Shielded Twisted Pair Cable | 45-514 |

UTP/STP/Coaxial Cable Strippers

- Adjustable blades can be set for any depth to help ensure nick-free strips



| Description | Typical RG Cables | Cat. No. |
|--|-------------------|----------------|
| Coaxial Cable Stripper, up to 1/8 in. (3.2mm) O.D. | RG-174, RG-187 | 45-162 (Gray) |
| Coaxial Cable Stripper, 1/8 in. (3.2mm) to 7/32 in. (5.556mm) O.D. | RG-58, Mini Coax | 45-163 (Blue) |
| Coaxial Cable Stripper, 1/4 in. (6.4mm) to 9/16 in. (14.3mm) O.D. | RG-11, RG-8 | 45-164 (Blue) |
| Cable Stripper, 3/16 in. (4.8mm) to 5/16 in. (8mm) O.D. | RG-59, UTP Cable | 45-165 (Black) |
| Replacement Blade Set* for 45-162, 45-163, 45-165 | — | L-9225 |
| Replacement Blade Set* for 45-164 | — | L-9226 |

*A set of blades consists of three straight blades and one round blade.

UTP Cable Stripper

- Strips Cat 3, 5, 5e & 6 cables
- One-step stripping



| Description | Cat. No. |
|--------------------|----------|
| UTP Cable Stripper | 45-167 |

Round Cable Slitting and Ringing Tool

- Great for large diameter structured wiring cables
- Cuts around cable jacket as well as slits the length of jacket for easy removal
- Use with single or multiple conductor cable up to 1.75 in. O.D.
- Blade adjusts for jacket thicknesses up to .125 in.
- Spare blade in handle base



| Description | Cat. No. |
|--|----------|
| Round Cable Slitting and Ringing Tool | 45-144 |
| Replacement Blades for 45-144 (2/pkg.) | LB-1748 |

Lever™ -Snips Electrician's Scissors with Stripping Notches

- Ergonomic design gives added leverage
- Spring-action, mechanical advantage increases stripping leverage and reduces operator fatigue
- Double plated for added rust protection
- Extra-deep serrations grip wire better



| Description | Cat. No. |
|---|----------|
| Electrician's Scissors with Stripping Notches | 35-087 |

Electrician's Scissors

- Designed for use in telephone and electrical service applications
- Cut up to 16 AWG solid and 12 AWG stranded wire
- Serrated surface on back blade edge cleans wire
- Electrician's Scissors with stripping notches strip 19 and 23 AWG wire



| Description | Cat. No. |
|--|----------|
| Electrician's Scissors w/stripping notches | 35-088 |
| Electrician's Scissors | 35-089 |

Cable Splicing Kit

- Cable Splicing Kit (Scissors, Splicing Knife, Leather Holder)
- Scissors and Knife Holder (Leather)



| Description | Cat. No. |
|---|----------|
| Cable Splicing Kit (Scissors, Splicing Knife, Leather Holder) | 35-093 |
| Scissors and Knife Holder (Leather) | 35-094 |

Cable Splicing Knife

- High carbon steel blade remains sharp and cuts easily through many insulation types
- Comfortable, full size, no slip handle for easy use



| Description | Cat. No. |
|---|----------|
| Cable Splicing Knife and Leather Holder | 35-091 |
| Knife Holder (Leather) | 35-092 |

Wire Strippers/Scissors

Ratchet Telemaster™

- For paired conductors
- Ratchet version of popular Telemaster™ Tool for RJ-45 and RJ-11 modular plugs
- Repeatabe crimp action for consistent, high quality connections



| Description | Cat. No. |
|---------------------|----------|
| Ratchet Telemaster™ | 30-696 |

Telemaster™ Telephone Tools

- For paired conductors
- Multi-function telephone tool cuts, strips and crimps for easy one-tool application
- Steel frame for long-term durability. (Crimps primary modular plug strain relief only)

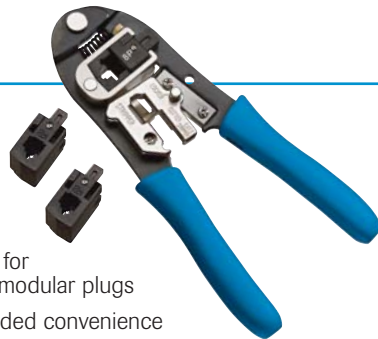


| Description | Kit Cat. No. | Tool Only Cat. No. |
|--|--------------|--------------------|
| Tool for RJ-11 (1, 2, 3 pair) and RJ-45 (4 pair) Plugs | 33-700* | 30-496 |
| Tool for RJ-45 (4 pair) & DECconnect MMJ (RJ-11, 3 pair) | N/A | 30-497 |
| Tool for RJ-11 (1, 2, 3 pair) & DECconnect MMJ (RJ-11, 3 pair) | N/A | 30-498 |
| Tool for RJ-22 (handset) and RJ-11 (1, 2, 3 pair) | N/A | 30-499 |
| Replacement Cut and Strip Blade Set for Telemaster™ | N/A | LB-1747 |

*Kit includes 10 each, RJ-45 8P8C, RJ-11 6P6C and RJ-45 6P4C plugs.

Modular Plug Tool Kit

- Multi-function telephone/network tool; cuts, strips and crimps
- Steel frame construction for durability
- Interchangeable dies allow for crimping RJ-45 and RJ-11 modular plugs
- Tool-less die change for added convenience
- Spring return handle for comfort



| Description | Cat. No. |
|------------------------|----------|
| Modular Plug Tool Kit* | 33-296 |

*Kit includes 10 each, RJ-45 8P8C and RJ-11 6P6C plugs.

D-Sub/Double-D Service Tool

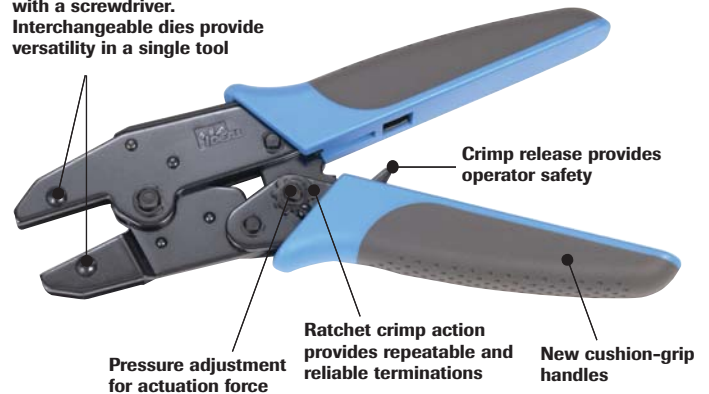
Exact replacement of the AMP open-barrel service tool for stamped contacts and D-Sub contacts. Also crimps Double-D, high density, miniature contacts. Includes openings for crimping insulated terminals and cutters for machine screws.



| Description | Cat. No. |
|-----------------------------|----------|
| D-Sub/Double-D Service Tool | 30-426 |

Crimpmaster™ Crimp Tools & Die Sets

Dies change quickly and easily with a screwdriver. Interchangeable dies provide versatility in a single tool

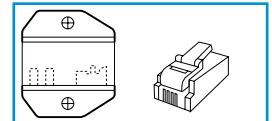


| Description | Tool Cat. No. | Replacement Die Set Cat. No. |
|--|---------------|------------------------------|
| Crimpmaster™ Crimp Tool Frame | 30-506 | — |
| RJ-45 Eight-position Crimp Tool for AMP RJ-45 modular plugs | 30-521 | 30-560 |
| RJ-45 Eight-position Crimp Tool for keyed or non-keyed modular plugs | 30-522 | 30-559 |
| RJ-11 Crimp Tool for two, four or six-position modular plugs | — | 30-556 |

Modular Plug Replacement Die Sets For Crimpmaster™ 30-506 Frame

30-556

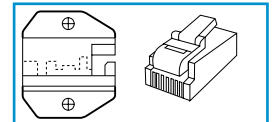
Crimpmaster™ RJ-11 die set for two, four or six-position modular plugs



30-559

Crimpmaster™ RJ-45 eight-position die set for keyed or non-keyed modular plugs (excluding AMP).

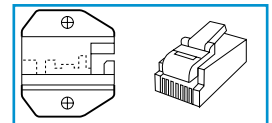
Tool w/die 30-522



30-560

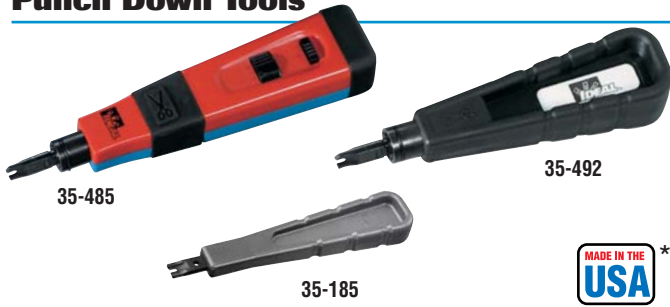
Crimpmaster™ RJ-45 AMP die set for eight-position modular plugs. Primary strain relief crimp bar is located further back on die/modular plugs.

Tool w/die 30-521



Paired Conductor Products

Punch Down Tools



| Impact Turn-Lock™ Punch Down Tools | Cat. No. |
|---|----------|
| Punchmaster™ II Punch Down Tool - body only | 35-483 |
| Punchmaster™ II Punch Down Tool w/110 blade | 35-485 |
| Punchmaster™ II Punch Down Tool w/66 blade | 35-487 |
| Non-Impact Turn-Lock™ Punch Down Tools | Cat. No. |
| Punch Down Tool - body only | 35-491 |
| Punch Down Tool w/110 blade | 35-492 |
| Punch Down Tool w/66 blade | 35-493 |
| Economy Punch Down Tool | Cat. No. |
| Non-impact Tool w/permanent non-cut blade** | 35-185 |
| Removable Blades* | Cat. No. |
| 110 Turn-Lock™ blade | 35-495 |
| 66 Turn-Lock blade | 35-497 |
| 110/66 combo blade w/cutting edges | 35-407 |
| Krone® blade | 35-478 |
| Bix® blade | 35-479 |

*Not applicable for Economy Punch Down tool.

**35-185 is made in Taiwan.

Bix® is a registered trademark of Nortel. Krone® is a registered trademark of Krone, Inc.



Economy Data and CATV Kit



Kit 33-915 Includes:

| Description | Qty. | Cat. No. |
|--|------|----------|
| Data T®-Cutter | 1 | 45-074 |
| Economy Coax Stripper | 1 | 45-320 |
| Economy UTP Stripper | 1 | 45-167 |
| Non-Impact Turn-Lock™ Tool w/110 Blade | 1 | 35-492 |
| Telemaster™ Telephone Tool | 1 | 30-496 |
| Economy Compression Tool | 1 | 30-633 |
| Mechanics Bag | 1 | 35-535 |

Basic Data and Video Kit



Kit 33-916 Includes:

| Description | Qty. | Cat. No. |
|---|------|----------|
| Data T®-Cutter | 1 | 45-074 |
| UTP Stripper | 1 | 45-165 |
| Stripmaster® Wire Stripper for RG-6 | 1 | 45-262 |
| Punchmaster™ II Punch Down Tool w/110 Blade | 1 | 35-485 |
| OmniSeal™ Pro XL Compression Tool | 1 | 30-793 |
| TRACETone™ Tone Generator & Amplifier Probe | 1 | 62-140 |
| VDV Multimedia Cable Tester | 1 | 33-856 |
| Journeyman Electrician's Tote™ | 1 | 35-462 |

Punch Tools/Kits

Data/Video Kit



Kit 33-917 Includes:

| Description | Qty. | Cat. No. |
|---|------|----------|
| Data T [®] -Cutter | 1 | 45-074 |
| Twist-a-Nut™ 7-in-1 Screwdriver | 1 | 35-908 |
| UTP Stripper | 1 | 45-165 |
| Coax Stripper w/Replaceable Cartridge | 1 | 45-526 |
| Punchmaster™ II Punch Down Tool w/110 Blade | 1 | 35-485 |
| 110/66 Blade Combo Punch Down Blade | 1 | 35-407 |
| Crimpmaster™ Crimp Tool for RJ-45 Modular Plugs | 1 | 30-522 |
| OmniSeal™ Pro XL Compression Tool | 1 | 30-793 |
| Probe Pic and Spudger | 1 | 35-473 |
| Coax Connector Tool - F & BNC | 1 | 35-046 |
| VDV MultiMedia Cable Tester | 1 | 33-856 |
| Amplifier Probe | 1 | 62-164 |
| Electrician's Scissors w/Stripping Notch | 1 | 35-088 |
| Large Mouth Bag — 13 in. | 1 | 35-410 |

RJ-45/11 Two, Four, Six and Eight-Position Combination TelCom Termination Kit



Kit 33-704 Includes:

| Description | Qty. | Cat. No. |
|--|------|----------|
| Telemaster™ for RJ-11/RJ-45 Plugs | 1 | 30-496 |
| 4-Position, RJ-11 Stranded Modular Plugs | 15 | 85-351 |
| 6-Position, RJ-11 Stranded Modular Plugs | 15 | 85-352 |
| 8-Position, RJ-45 Stranded Modular Plugs | 15 | 85-353 |

Economy 10Base-T Kit



Kit 33-750 Includes:

| Description | Qty. | Cat. No. |
|--|------|----------|
| UTP/Coax Stripper | 1 | 45-165 |
| Telemaster™ RJ-11/RJ-45 Crimp Tool | 1 | 30-496 |
| 8-Position RJ-45 Non-keyed Solid Plugs | 50 | 85-346 |

Crimpmaster™ Twisted Pair Kit



Kit 33-651 Includes:

| Description | Qty. | Cat. No. |
|--|------|----------|
| Data T [®] -Cutter | 1 | 45-074 |
| UTP/Coax Stripper | 1 | 45-165 |
| Crimpmaster™ Frame Only | 1 | 30-506 |
| 2,4,6-Position Die Set for RJ-11 Plugs | 1 | 30-556 |
| 8-Position Die Set for RJ-45 Plugs | 1 | 30-559 |
| 8-Position Die Set for RJ-45, AMP Plugs | 1 | 30-560 |
| 4-Position Solid Modular Plugs | 50 | 85-394 |
| 8-Position RJ-45 Non-Keyed Solid Modular Plugs | 50 | 85-396 |

Crimpmaster™ 10Base-T RJ-45 Crimping Kit



Kit 33-652 Includes:

| Description | Qty. | Cat. No. |
|--|------|----------|
| Data T [®] -Cutter | 1 | 45-074 |
| UTP/Coax Stripper | 1 | 45-165 |
| Crimpmaster™ Crimp Tool Frame only | 1 | 30-506 |
| 8-Position Die Set for RJ-45 Plugs | 1 | 30-559 |
| 8-Position RJ-45 Non-Keyed Solid Plugs | 200 | 86-396 |

Paired Conductor Products

Cable Service Kit



Kit 33-605 Includes:

| Description | Qty. | Cat. No. |
|--|------|----------|
| Punchmaster™ Punch Down Tool w/110 Blade | 1 | 35-485 |
| 66 Blade Only | 1 | 35-497 |
| Electrician's Scissors w/Stripping Notches | 1 | 35-088 |
| UTP/STP Stripper | 1 | 45-165 |
| 7-in-1 Twist-a-Nut™ Screwdriver | 1 | 35-908 |
| Probe Pic & Spudger | 1 | 35-473 |
| Tone Generator | 1 | 62-160 |
| Amplifier Probe | 1 | 62-164 |
| Journeyman's Electrician's Tote™ | 1 | 35-462 |

Deluxe Cable Service Kit



Kit 33-705 Includes:

| Description | Qty. | Cat. No. |
|---|------|----------|
| Punchmaster™ II Punch Down Tool w/110 Blade | 1 | 35-485 |
| 66 Blade Only | 1 | 35-497 |
| Electrician's Scissors w/Stripping Notches | 1 | 35-088 |
| UTP/STP Stripper | 1 | 45-165 |
| 7-in-1 Twist-a-Nut™ Screwdriver | 1 | 35-908 |
| Probe Pic & Spudger | 1 | 35-473 |
| Tone Generator | 1 | 62-160 |
| Amplifier Probe | 1 | 62-164 |
| Journeyman's Electrician's Tote™ | 1 | 35-462 |
| Telemaster™ Telephone Tool, RJ-11/RJ-45 | 1 | 30-496 |
| LinkMaster™ Tester and Remote | 1 | 62-200 |

Cable Service/Termination Kit



Kit 33-861 Includes:

| Description | Qty. | Cat. No. |
|--|------|----------|
| Data T [®] -Cutter | 1 | 45-074 |
| Center Conductor Cutter | 1 | 35-060 |
| UTP/Coax Stripper | 1 | 45-165 |
| Coax Stripper w/black cassette | 1 | 45-520 |
| Crimpmaster™ RG-58/59 Crimp Tool | 1 | 30-502 |
| 2, 4, 6-Position Die Set for RJ-11 Plugs | 1 | 30-556 |
| 8-Position Die Set for RJ-45 Plugs | 1 | 30-559 |
| Punchmaster™ II Punch Down Tool w/66 Blade | 1 | 35-487 |
| Punchmaster™ II 110 Blade only | 1 | 35-495 |
| ABS™ Signal Thrower™ | 1 | 62-184 |
| ABS™ Tester | 1 | 62-180 |
| LinkMaster™ Tester w/Remote | 1 | 62-200 |
| Cable Assemblies | 1 | K-7921 |

Twisted Pair/Coax Termination Kit



Kit 33-869 Includes:

| Description | Qty. | Cat. No. |
|--|------|----------|
| Data T [®] -Cutter | 1 | 45-074 |
| Scissors w/Stripping Notch | 1 | 35-088 |
| Center Conductor Cutter | 1 | 35-060 |
| UTP/Coax Stripper | 1 | 45-165 |
| Coax Stripper w/Black Cassette | 1 | 45-520 |
| Crimpmaster™ Frame Only | 1 | 30-506 |
| 2,4,6-Position Die Set for RJ-11 Plugs | 1 | 30-556 |
| 8-Position Die Set for RJ-45 Plugs | 1 | 30-559 |
| RG-58/59/62 BNC Die Set | 1 | 30-581 |
| Punchmaster™ II w/110 Blade | 1 | 35-485 |
| Punchmaster™ II 66 Blade Only | 1 | 35-497 |
| ABS™ Signal Thrower™ | 1 | 62-184 |
| ABS™ Tester | 1 | 62-180 |
| ZipKit™ Carrying Case | 1 | 35-419 |

Kits

Technician's Service Kit



Kit 33-505 Includes:

| Description | Qty. | Cat. No. |
|---|------|----------|
| Punchmaster™ II Punch Down Tool w/110 Blade | 1 | 35-485 |
| Punchmaster™ II 66 Blade only | 1 | 35-497 |
| Electrician's Scissors w/stripping notches | 1 | 35-088 |
| UTP/STP Stripper | 1 | 45-165 |
| 7-in-1 Twist-a-Nut™ Screwdriver/Nutdriver | 1 | 35-908 |
| Probe Pick and Spudger | 1 | 35-473 |
| Nylon case | 1 | 62-205 |

Installer's Kit



Kit 33-935 Includes:

| Description | Qty. | Cat. No. |
|--|------|----------|
| UTP/STP Stripper | 1 | 45-165 |
| Data T [®] -Cutter | 1 | 45-074 |
| Jab Saw | 1 | 35-275 |
| Large Mouth Bag – 18 in. | 1 | 35-427 |
| Punchmaster™ II 110 Blade only | 1 | 35-485 |
| 110/66 Blade | 1 | 35-407 |
| Electrician's Scissors w/stripping notches | 1 | 35-088 |
| Torpedo Level | 1 | 35-205 |
| Mag-Tape™ Tape Measure | 1 | 35-238 |
| Tongue & Groove Pliers – 10 in. | 1 | 35-430 |
| 5-in-1 Screwdriver/Nutdriver | 1 | 35-905 |
| Probe Pic and Spudger | 1 | 35-473 |
| Cable Cutter | 1 | 35-061 |
| Hammer – 18 oz. x 12-1/2 in. | 1 | 35-210 |

Pro Installer's Kit



Kit 33-945 Includes:

| Description | Qty. | Cat. No. |
|---|------|----------|
| Large Mouth Bag – 18 in. | 1 | 35-427 |
| 110/66 Blade | 1 | 35-407 |
| 66 Blade only | 1 | 35-497 |
| Punchmaster™ II 110 Blade only | 1 | 35-485 |
| Lever™-Snips Electrician's Scissors | 1 | 35-087 |
| Probe Pic and Spudger | 1 | 35-473 |
| UTP/STP Stripper | 1 | 45-165 |
| 7-in-1 Twist-a-Nut™ Screwdriver/Nutdriver | 1 | 35-908 |
| Mag-Tape™ Tape Measure | 1 | 35-238 |
| Torpedo Level | 1 | 35-205 |
| Jab Saw | 1 | 35-275 |
| OmniSeal™ Pro XL Compression Tool | 1 | 30-793 |
| Coax Stripper - 2-Step | 1 | 45-526 |
| Smart-Grip™ Long-Nose Pliers – 7-3/4 in. | 1 | 35-3037 |
| Smart-Grip™ Tongue & Groove Pliers – 10 in. | 1 | 35-3430 |
| Tongue & Groove Pliers – 9-1/2 in. | 1 | 35-420 |
| Tone Generator | 1 | 62-160 |
| Amplifier Probe | 1 | 62-164 |
| Data T [®] -Cutter | 1 | 45-074 |
| Cable Splicing Knife w/holder | 1 | 35-091 |
| Ratchet Telemaster™, RJ-11/RJ-45 | 1 | 30-696 |
| F-Connector Tool | 1 | 35-046 |







Paired Conductor Products

Wall Plates




Telephone Wall Plates are listed and approved by the Underwriter's Laboratories and contain 50 micro inches of gold plating on the contacts.

Telephone Wall Plates - Standard Size (2-3/4 in. x 4-1/5 in.)

| Description | Color | Qty. | Cat. No. |
|---|--------|------------|---------------|
| RJ-11, 2 Pair  | Ivory | Card of 1 | 85-206 |
| | | Box of 100 | 86-206 |
| | White | Card of 1 | 85-207 |
| | | Box of 100 | 86-207 |
| | Almond | Card of 1 | 85-223 |
| | | Box of 100 | 86-223 |
| Dual RJ-11, 2 Pair  | Ivory | Card of 1 | 85-208 |
| | | Box of 100 | 86-208 |
| | White | Card of 1 | 85-209 |
| | | Box of 100 | 86-209 |
| | Almond | Card of 1 | 85-225 |
| | | Box of 100 | 86-225 |
| RJ-11, 3 Pair  | Ivory | Card of 1 | 85-212 |
| | | Box of 100 | 86-212 |
| | White | Card of 1 | 85-213 |
| | | Box of 100 | 86-213 |
| | Almond | Card of 1 | 85-214 |
| | | Box of 100 | 86-214 |
| Dual RJ-11, 3 Pair  | Ivory | Card of 1 | 85-215 |
| | | Box of 100 | 86-215 |
| | White | Card of 1 | 85-216 |
| | | Box of 100 | 86-216 |
| | Almond | Card of 1 | 85-227 |
| | | Box of 100 | 86-227 |
| Dual RJ-45, 4 Pair  | White | Card of 1 | 85-217 |
| | | Box of 100 | 86-217 |
| RJ-11, 2 Pair Wall Mount Plate  | Ivory | Card of 1 | 85-218 |
| | | Box of 100 | 86-218 |
| | White | Card of 1 | 85-219 |
| | | Box of 100 | 86-219 |
| | Almond | Card of 1 | 85-229 |
| | | Box of 100 | 86-229 |
| CATV Coax | Ivory | Card of 1 | 85-200 |
| | | Box of 100 | 86-200 |
| | White | Card of 1 | 85-201 |
| | | Box of 100 | 86-201 |
| | Almond | Card of 1 | 85-220 |
| | | Box of 100 | 86-220 |
| Dual CATV/Coax | Ivory | Card of 1 | 85-204 |
| | | Box of 100 | 86-204 |
| Combo CATV/RJ-11 | Ivory | Card of 1 | 85-205 |
| | | Box of 100 | 86-205 |
| | White | Card of 1 | 85-222 |
| | | Box of 100 | 86-222 |
| | Almond | Card of 1 | 85-222 |
| | | Box of 100 | 86-222 |

Telephone Wall Plates — Mid-Size (3-1/8 in. x 4-7/8 in.)

| Description | Color | Qty. | Cat. No. |
|--|--------|------------|---------------|
| RJ-11, 2 Pair  | Ivory | Card of 1 | 85-242 |
| | | Box of 100 | 86-242 |
| | White | Card of 1 | 85-237 |
| | | Box of 100 | 86-237 |
| | Almond | Card of 1 | 85-233 |
| | | Box of 100 | 86-233 |
| Combo CATV/RJ11 | Ivory | Card of 1 | 85-241 |
| | | Box of 100 | 86-241 |
| | White | Card of 1 | 85-236 |
| | | Box of 100 | 86-236 |
| | Almond | Card of 1 | 85-232 |
| | | Box of 100 | 86-232 |
| CATV Coax | Ivory | Card of 1 | 85-239 |
| | | Box of 100 | 86-239 |
| | White | Card of 1 | 85-234 |
| | | Box of 100 | 86-234 |
| | Almond | Card of 1 | 85-230 |
| | | Box of 100 | 86-230 |
| Dual CATV Coax | White | Box of 100 | 86-235 |

Surface Jacks



For initial installations where cable cannot be pulled through wall or for replacement of modular four-prong jacks.

| Description | Color | Qty. | Cat. No. |
|---------------|--------|-----------|---------------|
| RJ-11, 2 Pair | White | Card of 1 | 85-244 |
| RJ-11, 2 Pair | Ivory | Card of 1 | 85-245 |
| RJ-11, 2 Pair | Almond | Card of 1 | 85-246 |



Cables



85-770



85-780

- Customizable bulk cable
- Bulk CAT 5e solid 4-pair, CMR rated, 24 AWG, 350 MHz cable
- Bulk 2-conductor in-wall, 16 AWG speaker wire

| Description | Cat. No. |
|-------------------------------|----------|
| CAT 5e Cable - 100 ft. | 85-780 |
| In-wall Speaker Wire - 50 ft. | 85-770 |

Insulation Displacement Connectors (IDC)



85-900

85-925

85-950



45-719

IDC connectors create fast splice and tap connections on solid copper wires. Designed for low voltage telecommunication cables.

- Moisture-resistant sealant protects wires from corrosion
- Use with solid copper single-conductor wire
- Kinetic Super™ Wire Stripper/Crimper easily cuts and strips 22 to 24 AWG solid wire

| Description | Qty. | Cat. No. |
|--------------------------------------|-------|----------|
| UB-I, 2-Wire Tap Splice IDC | 25 | 85-900 |
| UR-I, 3-Wire Butt Splice IDC | 25 | 85-925 |
| UY-I, 2-Wire Butt Splice IDC | 25 | 85-950 |
| UR-I, 2-Wire Butt Splice IDC | 100 | 86-925 |
| UY-I, 2-Wire Butt Splice IDC | 100 | 86-950 |
| UB-I, 2-Wire Tap Splice IDC | 1,000 | 87-900 |
| UR-I, 3-Wire Butt Splice IDC | 1,000 | 87-925 |
| UY-I, 2-Wire Butt Splice IDC | 1,000 | 87-950 |
| IDC Combo Pack | 25 | 85-960 |
| Kinetic Super™ Wire Stripper/Crimper | 1 | 45-719 |

CAT 6 Modular Plugs

- Supports CAT 6
- Unique three-piece design provides easy installation and optimal performance
- Crimps with a standard RJ-45 crimp die
- 50 micron gold contacts, 8-position, 8-contact
- Suitable for solid or stranded conductors



| Description | Qty. | Cat. No. |
|---------------------|------|----------|
| CAT 6 Modular Plugs | 25 | 85-366 |

Modular Plugs



85-403

85-396

85-394

- All plugs comply with FCC 68 guidelines and are UL Listed
- Plugs are capable of supporting the latest EIA/TIA cable system performance categories when installed in compliance with appropriate EIA/TIA standards and methods
- Plugs offered for round cable with solid conductors and for flat cable and stranded conductors
- Position and contact configurations cover popular styles

| Description | Qty. | Cat. No. |
|--|------|----------|
| 6-Position 4-Contact Flat Stranded | 25 | 85-351 |
| | 50 | 85-401 |
| | 100 | 86-401 |
| 6-Position 6-Contact Flat Stranded | 25 | 85-352 |
| | 50 | 85-402 |
| | 100 | 86-402 |
| 4-Position 4-Contact Flat Stranded (Handset) | 100 | 86-398 |
| 8-Position 8-Contact Flat Stranded | 25 | 85-353 |
| | 50 | 85-403 |
| | 100 | 86-403 |
| | 25 | 85-344 |
| 6-Position 4-Contact Round Solid | 50 | 85-394 |
| | 100 | 86-394 |
| 6-Position 6-Contact Round Solid | 100 | 86-395 |
| 8-Position 8-Contact CAT 6 Modular Plug | 25 | 85-366 |
| 8-Position 8-Contact Round Solid | 25 | 85-346 |
| | 50 | 85-396 |
| | 100 | 86-396 |



B

Coaxial Termination Products

Coaxial Selection Chart

Compression Style



| Cable | Cutter | Stripper | Crimper | Connector | Tester |
|-------------------------|----------------|------------------------|--|--------------------------------|-----------------------------------|
| CATV/SATV/F-type | | | | | |
| RG-59 | 45-074, 45-075 | 45-265, 45-603, 45-320 | 30-603, 30-793, 30-703, 30-720, 30-633 | 89-054, 89-104, 89-059, 89-159 | 33-856, 33-880 33-881, 33-887* |
| RG-6 | 45-074, 45-075 | 45-262, 45-603, 45-320 | 30-603, 30-793, 30-703, 30-720, 30-633 | 89-055, 89-105, 89-060, 89-160 | |
| RG-6 Quad Shield | 45-074, 45-075 | 45-282, 45-603, 45-320 | 30-603, 30-793, 30-703, 30-720, 30-633 | 89-056, 89-106, 89-060, 89-160 | |
| RG-6 & Quad 6 Plenum | 45-074, 45-075 | 45-510 | 30-603, 30-793, 30-703, 30-720, 30-633 | 89-060P, 89-160P | |
| RG-11 | 45-074, 45-075 | 45-164, 45-510 | 30-603, 30-793, 30-720 | 89-011 | |
| Minis | 45-074, 45-075 | 45-529 | 30-603, 30-793, 30-703 | 89-014SM, 89-014SMRCA | |
| BNC | | | | | |
| RG-59 | 45-074, 45-075 | 45-265, 45-603, 45-320 | 30-603, 30-793, 30-703 | 89-058, 89-5058 | 33-856, 33-880 33-881, 33-887* |
| RG-6 | 45-074, 45-075 | 45-265, 45-603, 45-320 | 30-603, 30-793, 30-703 | 89-057, 89-5057 | |

Crimp Style



| Cable | Cutter | Stripper | Crimper | Connector | Tester |
|-------------------------|----------------|------------------------|----------------|------------------------|-----------------------------------|
| CATV/SATV/F-Type | | | | | |
| RG-59 | 45-074, 45-075 | 45-265, 45-603, 45-320 | 30-503 | 85-036, 85-016 | 33-856, 33-880 33-881, 33-887* |
| RG-6 | 45-074, 45-075 | 45-265, 45-603, 45-320 | 30-503 | 85-037, 85-017, 86-017 | |
| RG-6 Quad Shield | 45-074, 45-075 | 45-282, 45-603, 45-320 | 30-503 | 85-057, 85-030, 86-030 | |
| RG-6 Plenum | 45-074, 45-075 | 45-282, 45-603 | 30-503 | N/A | |
| RG-11 | 45-074, 45-075 | 45-164, 45-510 | N/A | N/A | |
| BNC | | | | | |
| RG-59, Non-Plenum | 45-074, 45-075 | 45-520 | 30-502, 30-483 | 85-513, 85-517, 85-502 | 33-856, 33-880 33-881, 33-887* |
| RG-6 Non-Plenum | 45-074, 45-075 | 45-520 | 30-483 | 85-545 | |

*Need LA-4173 adapter.

Coaxial Termination Products

Data T[®]-Cutter

45-075



45-074



Cuts round communication cable and maintains cable geometry for better cable performance. Data T[®]-Cutter cuts multi-pair cable up to .500 in. (12.7 mm) and coaxial cable up to RG-9/U. Blade cutting capabilities suitable for soft cables (not ACSR).

- Steel reinforced center conductors can be trimmed with bolt cutting holes
- Cushioned comfort grip handles
- Locking latch keeps tool closed in pouch

| Description | Cat. No. |
|--------------------------------|----------|
| Data T [®] -Cutter | 45-074 |
| Data T [®] -Cutter II | 45-075 |

Center Conductor Cutter

Trims coax center conductor to 3/16 in. (4.8 mm) length for proper installation into a dual crimp coax connector.



| Description | Cat. No. |
|-------------------------|----------|
| Center Conductor Cutter | 35-060 |

Economy Coax Cable Stripper

- For RG-6, RG-6 Quad and RG-59
- No adjustment required
- Strips center conductor & cable jacket



| Description | Cat. No. |
|---|----------|
| Coax Cable Stripper | 45-320 |
| Coax Connector Kit w/four RG-6 Push-On F-Connectors | 33-320 |

Toggle[®] Coax Strippers

- Toggle[®] Tools for stripping Ethernet, Thinnet, RG-62 or RG-59 coax cable and other cable sizes



| Description | Cat. No. |
|----------------------------|----------|
| Coax Stripper for RG-8/11U | 45-510 |
| Coax Stripper for RG-6 | 45-513 |

Mini Coax Stripper

- Adjustable stripper for mini coax cable



| Description | Cat. No. |
|--------------------|----------|
| Mini Coax Stripper | 45-529 |

Coax/UTP Cable Stripper

- Features a primary and secondary active strip cartridge
- Strips UTP, RG-59, RG-6 Quad and RG-6 coax cable
- Rotates easily around finger
- Push-on ring for easy connector termination



| Description | Cat. No. |
|----------------------------------|----------|
| Coax/UTP Cable Stripper | 45-603 |
| RG-6/6Q/59 Replacement Cartridge | LB-2726 |
| UTP Replacement Cartridge | LB-2727 |

Coax Stripmaster[®] Wire Strippers

- Speeds 2-step cable stripping
- Spring-action operation grips and strips in one motion
- Knife-type blades feature multiple hole diameters sized for two step removal of outer jacket insulation and center conductor



| Description | Coax Cable Type (RGU) | Repl. Blade Cat. No. | Cat. No. |
|--|-----------------------|----------------------|----------|
| Coax Stripmaster [®] for RG-6 | RG-6 | LB-740 | 45-262 |
| Coax Stripmaster [®] for RG-59 | RG-59 | LB-743 | 45-265 |
| Coax Stripmaster [®] for RG-6 Quad Shield | RG-6 Quad Shield | LA-3953 | 45-282 |

Round Cable Slitting and Ringing Tool

- Cuts around cable jacket as well as slits the length of jacket for easy removal
- Use with single or multiple conductor cable up to 1.75 in. O.D.
- Blade adjusts for jacket thicknesses up to .125 in.
- Spare blade in handle base



| Description | Cat. No. |
|--|----------|
| Round Cable Slitting and Ringing Tool | 45-144 |
| Replacement Blades for 45-144 (2/pkg.) | LB-1748 |

Coax Strippers

- Specific adjustments needed for each cable size



| Description | Replacement Cassette | Cat. No. |
|---|----------------------|----------|
| Coax Stripper - 3 Step <ul style="list-style-type: none"> • For crimp BNC and TNC conn. • Strips braid 0.240 in. or 6mm and Dielectric 0.240 in. or 6mm | 45-522 (Black) | 45-520 |
| Coax Stripper - 3 Step <ul style="list-style-type: none"> • For dual crimp BNC/TNC and Thinnet BNC conn. • For 735A Belden[®] cable • Strips braid 0.328 in. or 8.2mm and dielectric 0.109 in. or 2.7mm | 45-523 (Brown) | 45-521 |
| Coax Stripper - 2 Step <ul style="list-style-type: none"> • For F-Type, many single crimp BNC/TNC's, Twist-on BNC/TNC's, Twinax and UHF conn. • Strips 0.250 in. or 6.35mm | 45-524 (Blue) | 45-526 |

UTP/STP/Coaxial Cable Strippers

- Adjustable blades can be set for any depth to help ensure nick-free strips



| Description | Typical RG Cables | Cat. No. |
|--|-------------------|--------------------------|
| Coaxial Cable Stripper, up to 1/8 in. (3.2mm) O.D. | RG-174, RG-187 | 45-162 (Gray) |
| Coaxial Cable Stripper, 1/8 in. (3.2mm) to 7/32 in. (5.556mm) O.D. | RG-58 Mini Coax | 45-163 (Blue) |
| Coaxial Cable Stripper, 1/4 in. (6.4mm) to 9/16 in. (14.3mm) O.D. | RG-11, RG-8 | 45-164 (Blue) |
| Cable Stripper, 3/16 in. (4.8mm) to 5/16 in. (8mm) O.D. | RG-59, UTP Cable | 45-165 (Black) |
| Replacement Blade Set* for 45-162, 45-163, 45-165 | — | L-9225 |
| Replacement Blade Set* for 45-164 | — | L-9226 |

*A set of blades consists of three straight blades and one round blade.

Coax Strip and Crimp Tool

- Precision, form-ground stripping holes remove outer jacket and insulation from RG-59 and RG-6 coaxial cable
- Durable blades cut copper-coated steel conductors
- Three crimping nests for crimping F-connectors and ring terminals
- Cushioned, comfort-grip handles



| Description | Cat. No. |
|---|----------------|
| Coax Strip & Crimp Tool | 30-433 |
| Coax Strip & Crimp Tool Kit w/ten RG-6 F-Connectors | 30-433F |

4-Way Indent Crimp Tools

Crimp solid barrel contacts for RS232 interface connectors. Feature four-way indent dies (per MS22520 specifications), full cycle ratchet, built-in pin and socket locator and comfort-grip handles.



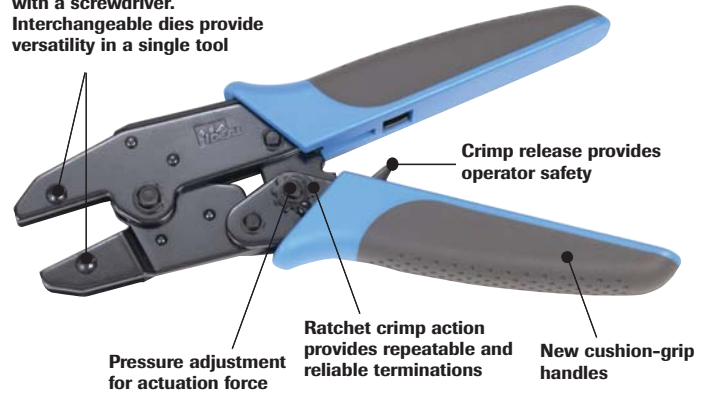
35-465

- High-grade steel construction for outstanding performance

| Description | Cat. No. |
|---|---------------|
| 20-26 AWG (.519 mm ² - .128 mm ²) RS232 D-sub Round Barrel Contacts, Pins or Sockets | 35-465 |
| 16-22 AWG (1.31 mm ² - .324 mm ²) Round Barrel Contacts, Pins, Sockets and Deutsch 16 Pin Contacts | 35-466 |
| Trompeter BNC Connector Center Pins | 35-468 |

Crimpmaster™ Crimp Tool Replacement Die Sets

Dies change quickly and easily with a screwdriver. Interchangeable dies provide versatility in a single tool



Coaxial Termination

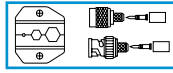
| Description | Tool Cat. No. | Replacement Die Set Cat. No. |
|---|---------------|------------------------------|
| 22-10 AWG (.324mm ² - 5.261mm ²) fully insulated slide-on connectors | — | 30-594 |
| Insulated Terminal Crimp Tool with built-in locator | 30-479 | — |
| 22-12 AWG (.324mm ² - 3.31mm ²) Non-insulated open barrel crimp style connectors | — | 30-586 |
| RG-58, 59, 62 Non-plenum Cambridge BNC/TNC connectors | 30-481 | 30-573 |
| RG-8/11, RG-213, RG-216 Ethernet Thickwire, N-Series type plugs and jacks | 30-482 | 30-577 |
| RG-9, Belden® 8281® and RG-6 Cable, 50 & 75 Ohm | 30-483 | 30-578 |
| RG-58 and RG-174 cable for 50 and 75 Ohm cables | — | 30-587 |
| RG-174 Mini-59 Hex BNC/TNC coax connector | 30-485 | 30-576 |
| RG-58 and RG-59 Plenum cables, Thinwire PVC Hex | — | 30-591 |
| 16-26 AWG (1.31mm ² - 1.28mm ²) Miniature insulated rings and splices | — | 30-572 |
| 22-10 AWG (.324mm ² - 5.261mm ²) Insulated ring tongue terminals and splices | 30-500 | 30-579 |
| 22-8 AWG (.3mm ² - 8mm ²) Non-insulated terminals and splices | — | 30-580 |
| RG-58 RG-59/62AU BNC/TNC 3-Piece Hex type connectors | 30-502 | 30-581 |
| CATV RG-59 and RG-6 Captive Ring F-connectors | 30-503 | 30-582 |
| RG-6, RG-174, Belden-Type RG-8281 cables | — | 30-570 |
| Mini UHF and BNC/TNC 5 cavity | — | 30-593 |
| 30-18 AWG, Open barrel pins and sockets | — | 30-599 |

Coaxial Termination Products

Crimpmaster™ Crimp Tool Replacement Die Sets

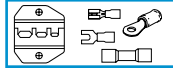
30-570 (Tool w/die N/A)

RG-6, RG-174, Belden-Type RG-8281 cables, Hex. 0.324 (8.23 mm), 0.178 (4.52 mm), 0.068 (1.73 mm)



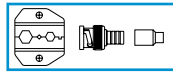
30-572 (Tool w/die N/A)

16-26 AWG (1.31 mm² - .128 mm²) miniature insulated rings, spade and butt splices



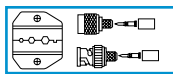
30-573 (Tool w/die 30-481)

Cambridge CP-88, CP-89 BNC/TNC coax connectors with RG-58, RG-59/62 AU cables (Hex 0.305 (7.75 mm), 0.068 (1.73 mm), 0.228 (5.79 mm))



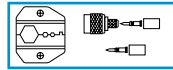
30-576 (Tool w/die 30-485)

RG-174, Mini 59 BNC/TNC Connectors, Hex. 0.178 (4.52 mm), 0.128 (3.25 mm), 0.068 (1.73 mm)



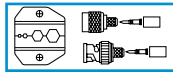
30-577 (Tool w/die 30-482)

N-Series and RG-8/11 Connectors, Hex. 0.429 (10.90 mm), 0.100 (2.54 mm), 0.080 (2.03 mm)



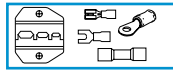
30-578 (Tool w/die 30-483)

RG-59, RG-6, and 8281 50 and 75 OHM cables (Hex. 0.324 (8.23 mm), 0.255 (6.48 mm), 0.068 (1.73 mm), 0.042 (1.07 mm))



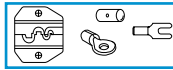
30-579 (Tool w/die 30-500)

22-10 AWG (.324 mm² - 5.261 mm²) insulated terminals/ color coded nests



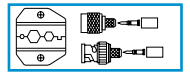
30-580 (Tool w/die N/A)

22-8 AWG (.3 mm² - 8 mm²) non-insulated terminals



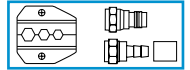
30-581 (Tool w/die 30-502)

RG-58, RG-59/62, BNC/TNC Coax Connectors, Hex. 0.255 (6.48 mm), 0.213 (5.41 mm), 0.068 (1.73 mm)



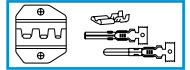
30-582 (Tool w/die 30-503)

F-type CATV RG-59, RG-6 Connectors, Hex. 0.350 (8.89 mm), 0.320 (8.13 mm), 0.255 (6.48 mm)



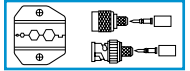
30-586 (Tool w/die N/A)

22-12 AWG (.324 mm² - 3.31 mm²) Non Insulated Open Barrel Connectors, Commercial Type



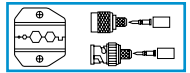
30-587 (Tool w/die N/A)

RG-58, RG-174 and RG-8218 for both 50 and 75 ohm cables (Hex 0.213 (5.41 mm), 0.178 (4.52 mm), 0.068 (1.73 mm), 0.042 (1.07 mm))



30-591 (Tool w/die N/A)

Plenum and Non-Plenum Thinwire Cables RG-58 and 59 (Hex. 0.213 (5.41 mm), 0.190 (4.83 mm), 0.068 (1.73 mm), 0.042 (1.07 mm))



30-593 (Tool w/die N/A)

Mini UHF and BNC/TNC 5 cavity, Hex. 0.052 (1.32 mm), 0.068 (1.73 mm), 0.100 (2.54 mm), 0.213 (5.41 mm), 0.255 (6.48 mm)



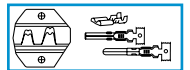
30-594 (Tool w/die N/A)

Fully Insulated quick disconnect terminals with thinner wire barrels 22-10 AWG (.324 mm² - 5.261 mm²)



30-599 (Tool w/die N/A)

30-18 AWG (.205 mm² - 2.08 mm²) Open Barrel Pins and Sockets



F-Series Coaxial Crimp Connectors

F-Series Connectors utilize threaded couplings and cable conductors as contacts for CATV and other UHF applications.

| | Description | Qty. | Cat. No. |
|--|---|------------|---------------|
| | F-Series, Twist-on Plug, RG-59 | Card of 4 | 84-018 |
| | | Card of 10 | 85-035 |
| | F-Series, Crimp Plug, RG-59 | Card of 4 | 84-016 |
| | | Card of 10 | 85-036 |
| | | Card of 50 | 85-016 |
| | F-Series, Crimp Plug, RG-6 | Card of 4 | 84-017 |
| | | Card of 10 | 85-037 |
| | | Card of 50 | 85-017 |
| | | Box of 100 | 86-017 |
| | F-Series, Crimp Plug, RG-6, Quad Shield | Card of 4 | 84-030 |
| | | Card of 10 | 85-057 |
| | | Card of 50 | 85-030 |
| | | Box of 100 | 86-030 |
| | F-Series, Female Adapter | Card of 10 | 85-031 |
| | F-Series, Terminator | Card of 10 | 85-038 |
| | F-Type, Twist-on RG-6 | Card of 4 | 84-039 |
| | | Card of 10 | 85-053 |
| | | Card of 50 | 85-039 |
| | | Box of 100 | 86-039 |

OmniSeal™ Pro Compression Tools

The new IDEAL OmniSeal™ Compression Tools now offer additional features and increased connector compatibility in a smaller, more compact tool designed to meet the demands of the professional installer. OmniSeal requires no calibration or accessory attachment to terminate IDEAL branded compression connectors. Most other manufacturers compression connectors can be terminated with an easy plunger depth adjustment. The simple intuitive design combined with its size and universal connector acceptance makes this the only compression tool needed by professional installers.

- Factory preset to work with ALL IDEAL compression connectors
- Compress F-type, RCA, BNC and Mini connectors
- Adjustable to fit other manufacturer's connectors – no accessory adapters required
- Connectors approved for use by most satellite and cable TV companies

| Description | Qty. | Cat. No. |
|-----------------------------------|------|---------------|
| OmniSeal™ Pro XL Compression Tool | 1 | 30-793 |
| OmniSeal™ Pro Compression Tool | 1 | 30-603 |

| | BNC | F-Type | RG11 | RCA | Mini Coax |
|--------------------------------|-----|--------|------|-----|-----------|
| OmniSeal™ Pro XL 30-793 | ✓ | ✓ | ✓ | ✓ | ✓ |
| OmniSeal™ Pro 30-603 | | ✓ | ✓ | ✓ | ✓ |



OmniSeal Pro 30-603



OmniSeal Pro XL 30-793



OmniSeal™ Compression Tools

- Lightweight and durable composite material
- High leverage design reduces hand fatigue



| Feature | OmniSeal™ XL 30-703 | OmniSeal™ 11 30-720 |
|---|---------------------|---------------------|
| For RG-6 & RG-59 Cables | X | X |
| Compresses RCA & F-Connectors | X | X |
| Compresses BNC Connectors | X | — |
| Works with IDEAL and PPC brand RCA connectors | X | X |
| For RG-11 cables | — | X |

Economy Compression Tool

- Easily compresses series 6 and 59 coax compression F-connectors
- Permanent connection – never comes loose
- Works with most brands of compression connectors



| Description | Cat. No. |
|--|---------------|
| Economy Compression Tool | 30-633 |
| Economy Compression Tool Kit - Includes four CMP RG-6 Connectors | 33-633 |

Coaxial Termination Products

Universal Compression Connectors

- Four universal connectors terminate all plenum RG-6, RG-6, RG-59 and RG-11 braid types from 60% through quad shielding
- One connector for all cable types within a given RG series
- Approved by most satellite and cable TV companies
- Approved for indoor/outdoor use



| Description | Qty. | Cat. No. |
|--|------------|----------------|
| Universal RG-59 Compression Connectors | Jar of 50 | 89-059 |
| | Jar of 100 | 89-159 |
| Universal RG-6 Compression Connectors | Jar of 50 | 89-060 |
| | Jar of 100 | 89-160 |
| Plenum RG-6 Compression Connectors | Jar of 50 | 89-060P |
| | Jar of 100 | 89-160P |
| Universal RG-11 Compression Connectors | Clam of 10 | 89-011 |

CMP Compression Connectors

- Approved for use by most cable TV and satellite companies
- RF signal containment ensures strong signal
- Permanent connections do not pull off or come loose
- One-piece design for quick installation
- Compression port seal provides a water-tight seal for outdoor applications



| Description | Qty. | Cat. No. |
|-----------------------------------|------|---------------|
| RG-59 Compression F-Connector | 50 | 89-054 |
| RG-59 Compression F-Connector | 100 | 89-104 |
| RG-6 Compression F-Connector | 4 | 89-015 |
| RG-6 Compression F-Connector | 10 | 89-035 |
| RG-6 Compression F-Connector | 50 | 89-055 |
| RG-6 Compression F-Connector | 100 | 89-105 |
| RG-6 Quad Compression F-Connector | 4 | 89-016 |
| RG-6 Quad Compression F-Connector | 50 | 89-056 |
| RG-6 Quad Compression F-Connector | 100 | 89-106 |

Compression F-Connector Port Seals

- For use with IDEAL RG-6, RG-6 Quad and RG-59 F-Style compression connectors to make connections water tight



| Description | Qty. | Cat. No. |
|-------------|------|---------------|
| Port Seals | 5 | 89-026 |

BNC Compression Connectors

- Color coded by cable series for easy identification
- Approved for indoor/outdoor use



| Description | Qty. | Cat. No. |
|---------------------------------|------------|----------------|
| BNC RG-6 Compression Connector | Clam of 15 | 89-057 |
| BNC RG-6 Compression Connector | Jar of 50 | 89-5057 |
| BNC RG-59 Compression Connector | Clam of 15 | 89-058 |
| BNC RG-59 Compression Connector | Jar of 50 | 89-5058 |

Mini Compression Connectors

- For use with most 21-25 AWG mini coax cable
- Body is nickel plated for outstanding corrosion resistance
- Mini RCA head is gold plated for superior contact performance
- Bandwidth is 5 MHz - 3 GHz, Impedance is 75 Ohms (nominal), return loss min. -30 dB @ 3 GHz



F-Connector

RCA Connector

| Description | Qty. | Cat. No. |
|--------------------------------|------|--------------------|
| Mini Compression F-Connector | 10 | 89-014SM |
| Mini Compression RCA Connector | 10 | 89-014SMRCA |

Push-on F-Connectors

- Permanent connection
- No termination tool needed



| Description | Qty. | Cat. No. |
|---|------|---------------|
| RG-6 Push-on F-Connectors | 4 | 85-065 |
| RG-6Q Push-on F-Connectors | 4 | 85-066 |
| RG-59 Push-on F-Connectors | 4 | 85-067 |
| RG-6 Push-on F-Connectors | 50 | 89-165 |
| Coax Connector Kit w/Economy Coax Stripper & four RG-6 Push-On F-Connectors | — | 33-320 |

Coax Connector Tool - F & BNC

- Works on compression and hex connectors
- Makes attaching (and detaching) connector to equipment easier
- Aids in installing CATV connectors on coax cable
- New comfort grip handle



| Description | Cat. No. |
|---|---------------|
| Coax Connector Tool - F & BNC — 8 in. overall (3 in. blade) | 35-046 |

Cable TV Splitters



| Description | Qty. | Cat. No. |
|--|-----------|---------------|
| CATV Cable Splitter, 5-900 MHz, 2-Way | Card of 1 | 85-032 |
| | Box of 10 | 86-432 |
| CATV Cable Splitter, 5-900 MHz, 3-Way | Card of 1 | 85-033 |
| | Box of 10 | 86-433 |
| CATV Cable Splitter, 5-900 MHz, 4-Way | Card of 1 | 85-034 |
| High Performance Cable Splitter, 5MHz-1GHz 2-Way | Card of 1 | 85-132 |
| | Box of 10 | 86-132 |
| High Performance Cable Splitter, 5MHz-1GHz 3-Way | Card of 1 | 85-133 |
| | Box of 10 | 86-133 |
| High Performance Cable Splitter, 5MHz-1GHz 4-Way | Card of 1 | 85-134 |
| | Box of 10 | 86-134 |

Satellite and Digital TV Splitters



- Designed for easy mounting over cable
- All ports are F female connectors, 75Ω
- Two grounding screws eliminate the need for grounding block
- Includes two mounting screws (Phillips/slotted head)

| Description | Qty. | Cat. No. |
|----------------------|------|---------------|
| 2-Way, 5MHz - 2.3GHz | 1 | 85-332 |
| 3-Way, 5MHz - 2.3GHz | 1 | 85-333 |
| 4-Way, 5MHz - 2.3GHz | 1 | 85-334 |

8-Way Digital Cable Splitter

- Nickel-plated housing
- High-performance impedance-balanced Printed Circuit Board design
- Bandwidth: 5MHz - 1 GHz
Impedance: 75 Ohm
- Over 120 dB of RFI shielding
- Low insertion loss
- Splits signals up to 8 outlets
- Terminators (85-038) needed for all unused ports for optimal performance



| Description | Cat. No. |
|-------------------------------|---------------|
| Digital Cable Splitter, 8-Way | 85-138 |

Diplexer, 2.3 GHz



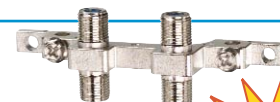
- Combine or split cable/antenna signals with satellite signals
- High quality PCB design
- Corrosion-resistant sealed construction
- Nickel-plated die-cast zinc housing
- Grounding hole for up to 6 AWG wire



| Description | Cat. No. |
|--|---------------|
| Diplexer, 2.3 GHz, SATV/TV Combiner Splitter | 85-323 |

Grounding Block

- Solid zinc alloy, nickel plated and chromate finished
- High performance 360° beryllium copper contact
- Excellent electrical performance 0 - 3,000 MHz
- UL/CSA approved



| Description | Cat. No. |
|---|---------------|
| 2-Port Grounding Block for F-Connectors | 85-311 |

CATV Wall Plates



85-205 85-220 85-239 85-232

Telephone Wall Plates are listed and approved by the Underwriter's Laboratories and contain 50 micro inches of gold plating on the contacts.

| Description - Standard Size 2-3/4 in. x 4-1/2 in. | Color | Qty. | Cat. No. |
|--|------------|---------------|---------------|
| CATV Coax | Ivory | Card of 1 | 85-200 |
| | | Box of 100 | 86-200 |
| | White | Card of 1 | 85-201 |
| | | Box of 100 | 86-201 |
| | Almond | Card of 1 | 85-220 |
| | | Box of 100 | 86-220 |
| Dual CATV Coax | Ivory | Box of 100 | 86-202 |
| | | Box of 100 | 86-203 |
| | Ivory | Card of 1 | 85-204 |
| | | Box of 100 | 86-204 |
| | White | Card of 1 | 85-205 |
| | | Box of 100 | 86-205 |
| Almond | Card of 1 | 85-222 | |
| | Box of 100 | 86-222 | |
| Description - Mid-Size 3-1/8 in. x 4-7/8 in. | Color | Qty. | Cat. No. |
| Combo CATV/RJ11 | Ivory | Card of 1 | 85-241 |
| | | Box of 100 | 86-241 |
| | White | Card of 1 | 85-236 |
| | | Box of 100 | 86-236 |
| | Almond | Card of 1 | 85-232 |
| | | Box of 100 | 86-232 |
| CATV Coax | Ivory | Card of 1 | 85-239 |
| | | Box of 100 | 86-239 |
| | White | Card of 1 | 85-234 |
| | | Box of 100 | 86-234 |
| | Almond | Card of 1 | 85-230 |
| | | Box of 100 | 86-230 |
| Dual CATV Coax | White | Box of 100 | 86-235 |

Coaxial Termination Products

Economy Data and CATV Kit



Kit 33-915 Includes:

| Description | Qty. | Cat. No. |
|--|------|----------|
| Data T [®] -Cutter | 1 | 45-074 |
| Economy Coax Stripper | 1 | 45-320 |
| Economy UTP Stripper | 1 | 45-167 |
| Non-Impact Turn-Lock™ Tool w/110 Blade | 1 | 35-492 |
| Telemaster™ Telephone Tool | 1 | 30-496 |
| Economy Compression Tool | 1 | 30-633 |
| Mechanics Bag | 1 | 35-535 |

Basic Data and Video Kit



Kit 33-916 Includes:

| Description | Qty. | Cat. No. |
|---|------|----------|
| Data T [®] -Cutter | 1 | 45-074 |
| UTP Stripper | 1 | 45-165 |
| Stripmaster [®] Wire Stripper for RG-6 | 1 | 45-262 |
| Punchmaster™ II Punch Down Tool w/110 Blade | 1 | 35-485 |
| OmniSeal™ Pro XL Compression Tool | 1 | 30-793 |
| TRACEtone™ Tone Generator & Amplifier Probe | 1 | 62-140 |
| VDV Multimedia Cable Tester | 1 | 33-856 |
| Journeyman Electrician's Tote™ | 1 | 35-462 |

Compression Connector Installation Kit



Kit 33-623 Includes:

| Description | Qty. | Cat. No. |
|-----------------------------|------|----------|
| Data T [®] -Cutter | 1 | 45-074 |
| Coax Cable Stripper | 1 | 45-320 |
| Economy Compression Tool | 1 | 30-633 |
| Pouch w/belt clip | 1 | — |

Data/Video Kit



Kit 33-917 Includes:

| Description | Qty. | Cat. No. |
|---|------|----------|
| Data T [®] -Cutter | 1 | 45-074 |
| Twist-a-Nut™ 7-in-1 Screwdriver | 1 | 35-908 |
| UTP Stripper | 1 | 45-165 |
| Coax Stripper w/Replaceable Cartridge | 1 | 45-526 |
| Punchmaster™ II Punch Down Tool w/110 Blade | 1 | 35-485 |
| 110/66 Blade Combo Punch Down Blade | 1 | 35-407 |
| Crimpmaster™ Crimp Tool for RJ-45 Modular Plugs | 1 | 30-522 |
| OmniSeal™ Pro XL Compression Tool | 1 | 30-793 |
| Probe Pic and Spudger | 1 | 35-473 |
| Coax Connector Tool - F & BNC | 1 | 35-046 |
| VDV MultiMedia Cable Tester | 1 | 33-856 |
| Amplifier Probe | 1 | 62-164 |
| Electrician's Scissors w/Stripping Notch | 1 | 35-088 |
| Large Mouth Bag — 13 in. | 1 | 35-410 |

Economy CATV Compression Kit



Kit 33-621 Includes:

| Description | Qty. | Cat. No. |
|---------------------------------|------|----------|
| Economy Compression Tool | 1 | 30-633 |
| Data T [®] -Cutter | 1 | 45-074 |
| Economy Coax Stripper | 1 | 45-320 |
| Zipper Pouch | 1 | 35-402 |
| RG-6 CMP Compression Connectors | 4 | 89-015 |

Crimpmaster™ F-Type (CATV) Connectors Kit



Kit 33-400 Includes:

| Description | Qty. | Cat. No. |
|-----------------------------------|------|----------|
| Crimpmaster™ CATV Crimp Tool | 1 | 30-503 |
| F-Connector, Crimp-on RG-59 Plugs | 20 | 85-016 |
| F-Connector, Crimp-on RG-6 Plugs | 20 | 85-017 |

Residential Compression Kit



Kit 33-625 Includes:

| Description | Qty. | Cat. No. |
|---|--------|----------------|
| OmniSeal™ Pro Compression Tool | 1 | 30-603 |
| Mechanic's Tool Bag | 1 | 35-535 |
| Data T [®] -Cutter | 1 | 45-074 |
| Coax Stripmaster [®] Wire Stripper for RG-6 | 1 | 45-262 |
| Stripmaster [®] RG-6 Quad Shield Repl. Blade | 1 | LA-3953 |
| Universal RG-6 Compression Connectors | 50/jar | 89-060 |

Economy Compression Kit



Kit 33-620 Includes:

| Description | Qty. | Cat. No. |
|------------------------------------|------|---------------|
| Economy Tool | 1 | 30-633 |
| Data T [®] -Cutter | 1 | 45-074 |
| Coax Stripper | 1 | 45-526 |
| RG-59 Compression F-Connectors | 10 | 89-054 |
| RG-6 Quad Compression F-Connectors | 10 | 89-056 |
| RG-6 Compression F-Connectors | 20 | 89-055 |

Service Compression Kit



Kit 33-630 Includes:

| Description | Qty. | Cat. No. |
|--|------|----------------|
| Universal RG-6 Compression Connectors | 50 | 89-060 |
| Plenum RG-6 Compression Connectors | 10 | 89-060P |
| BNC RG-59 Compression Connectors | 10 | 89-058 |
| BNC RG-6 Compression Connectors | 10 | 89-057 |
| OmniSeal™ Pro XL Compression Tool | 1 | 30-793 |
| Compression F-Connector Port Seals | 5 | 89-026 |
| Data T [®] -Cutter | 1 | 45-074 |
| Coax Stripmaster [®] Wire Stripper for RG-6 | 1 | 45-262 |
| Replacement Blade for 45-262 | 1 | LA-3953 |

Cable Service/Termination Kit



Kit 33-861 Includes:

| Description | Qty. | Cat. No. |
|--|------|---------------|
| Data T [®] -Cutter | 1 | 45-074 |
| Center Conductor Cutter | 1 | 35-060 |
| UTP/Coax Stripper | 1 | 45-165 |
| Coax Stripper w/black cassette | 1 | 45-520 |
| Crimpmaster™ RG-58/59 Crimp Tool | 1 | 30-502 |
| 2, 4, 6-Position Die Set for RJ-11 Plugs | 1 | 30-556 |
| 8-Position Die Set for RJ-45 Plugs | 1 | 30-559 |
| Punchmaster™ II Punch Down Tool w/66 Blade | 1 | 35-487 |
| Punchmaster™ II 110 Blade only | 1 | 35-495 |
| ABS™ Signal Thrower™ | 1 | 62-184 |
| ABS™ Tester | 1 | 62-180 |
| LinkMaster™ Tester w/Remote | 1 | 62-200 |
| Cable Assemblies | 1 | K-7921 |

Twisted Pair/Coax Termination Kit



Kit 33-869 Includes:

| Description | Qty. | Cat. No. |
|--|------|---------------|
| Data T [®] -Cutter | 1 | 45-074 |
| Scissors w/Stripping Notch | 1 | 35-088 |
| Center Conductor Cutter | 1 | 35-060 |
| UTP/Coax Stripper | 1 | 45-165 |
| Coax Stripper w/Black Cassette | 1 | 45-520 |
| Crimpmaster™ Frame Only | 1 | 30-506 |
| 2, 4, 6-Position Die Set for RJ-11 Plugs | 1 | 30-556 |
| 8-Position Die Set for RJ-45 Plugs | 1 | 30-559 |
| RG-58/59/62 BNC Die Set | 1 | 30-581 |
| Punchmaster™ II w/110 Blade | 1 | 35-485 |
| Punchmaster™ II 66 Blade Only | 1 | 35-497 |
| ABS™ Signal Thrower™ | 1 | 62-184 |
| ABS™ Tester | 1 | 62-180 |
| ZipKit™ Carrying Case | 1 | 35-419 |

Coaxial Termination Products

RG-6 Push-on Connector Kit



Kit 33-320 Includes:

| Description | Qty. | Cat. No. |
|-------------------------------|------|----------|
| RG-6 Push-On Connectors | 4 | 85-065 |
| 2-Step 59 & 6 Series Stripper | 1 | 45-320 |

Pro Installer Kit



Kit 33-945 Includes:

| Description | Qty. | Cat. No. |
|---|------|----------|
| Large Mouth Bag – 18 in. | 1 | 35-427 |
| 110/66 Blade | 1 | 35-407 |
| 66 Blade only | 1 | 35-497 |
| Punchmaster™ II 110 Blade only | 1 | 35-485 |
| Lever™-Snips Electrician's Scissors | 1 | 35-087 |
| Probe Pic and Spudger | 1 | 35-473 |
| UTP/STP Stripper | 1 | 45-165 |
| 7-in-1 Twist-a-Nut™ Screwdriver/Nutdriver | 1 | 35-908 |
| Mag-Tape™ Tape Measure | 1 | 35-238 |
| Torpedo Level | 1 | 35-205 |
| Jab Saw | 1 | 35-275 |
| OmniSeal™ Pro XL Compression Tool | 1 | 30-793 |
| Coax Stripper - 2-Step | 1 | 45-526 |
| Smart-Grip™ Long-Nose Pliers – 7-3/4 in. | 1 | 35-3037 |
| Smart-Grip™ Tongue & Groove Pliers – 10 in. | 1 | 35-3430 |
| Tongue & Groove Pliers – 9-1/2 in. | 1 | 35-420 |
| Tone Generator | 1 | 62-160 |
| Amplifier Probe | 1 | 62-164 |
| Data T®-Cutter | 1 | 45-074 |
| Cable Splicing Knife | 1 | 35-091 |
| Ratchet Telemaster™ | 1 | 30-696 |
| F-Connector Tool | 1 | 35-046 |

BNC Coaxial Connectors

IDEAL coaxial connectors are available in two grades. A premium specification grade features precision machined brass bodies with nickel plating. The commercial grade consists of machined diecast components with nickel plating. A variety of connectors handle different termination types, cable size, impedance rating and attachment means.

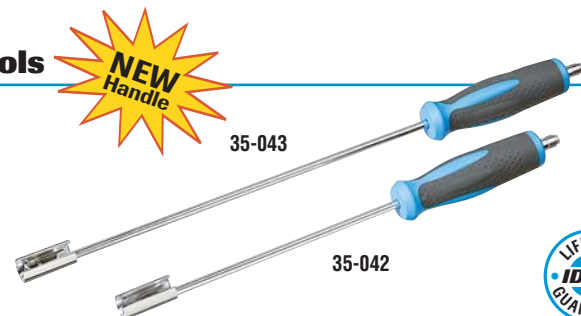
- Connector construction covers both plenum and non-plenum cable jackets
- Captive gold center contacts provide maximum conductivity and minimal resistance
- Nickel plating resists corrosion, tarnish and ensures signal quality
- Meets military specifications. MS39012 and MIL202 where applicable.
- Available in both small and bulk quantities to suit a range of application requirements

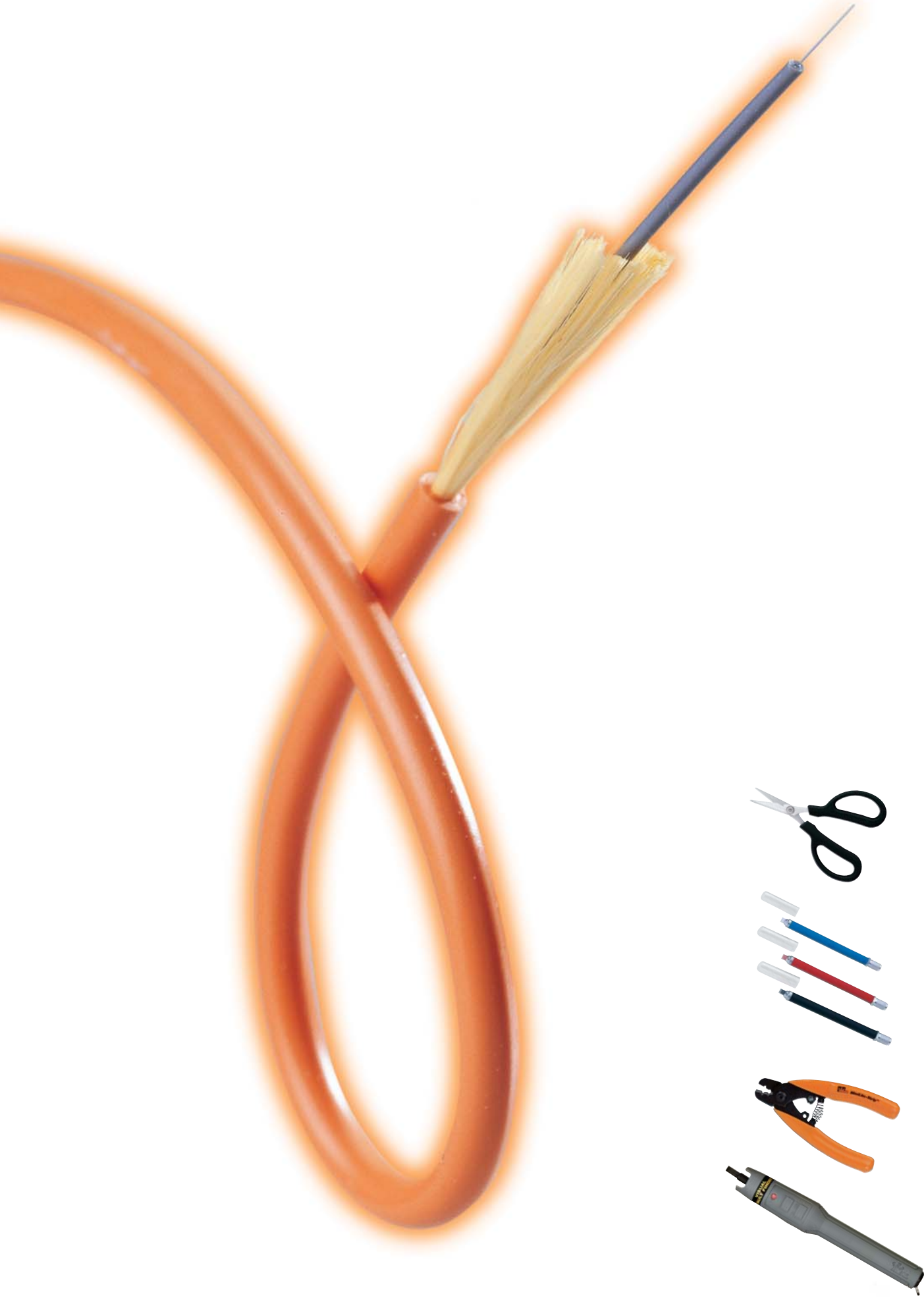
| | Connector Type | Cable Type | Center Conductor | Jacket | Connector Impedance | Connector Grade | Insulation | Model | Qty. | Cat. No. |
|--|-------------------|-------------|------------------|------------|---------------------|-----------------|------------|---------|------------|---------------|
| | BNC Plug | RG-58 | 20 AWG Solid | Non-Plenum | 50 Ohm | Commercial | Delrin | IA-3620 | Bag of 5 | 85-490 |
| | BNC Plug | RG-58 | 20 AWG Solid | Non-Plenum | 50 Ohm | Specification | Delrin | IA-3621 | Bag of 5 | 85-491 |
| | BNC Plug | RG-59 | 20 AWG Solid | Non-Plenum | 75 Ohm | Commercial | Delrin | IA-3617 | Bag of 5 | 85-502 |
| | BNC Plug | RG-59 | 20 AWG Solid | Plenum | 75 Ohm | Commercial | Delrin | IA-3618 | Box of 100 | 86-502 |
| | BNC Plug | RG-59 | 22-23 AWG Solid | Non-Plenum | 75 Ohm | Commercial | Delrin | IA-3624 | Bag of 5 | 85-513 |
| | BNC Plug | RG-59 | 22-23 AWG Solid | Plenum | 75 Ohm | Commercial | Delrin | IA-3626 | Bag of 5 | 85-515 |
| | BNC Plug | RG-59 | 22-23 AWG Solid | Non-Plenum | 50 Ohm | Specification | Delrin | IA-3592 | Bag of 5 | 85-517 |
| | BNC Plug | RG-6 | 18 AWG Solid | Non-Plenum | 75 Ohm | Specification | Delrin | IA-3634 | Bag of 5 | 85-545 |
| | BNC Plug | Belden 8281 | 20 AWG Solid | Non-Plenum | 75 Ohm | Specification | Delrin | IA-3636 | Bag of 5 | 85-550 |
| | BNC Jack | RG-59 | 22-23 AWG Solid | Non-Plenum | 75 Ohm | Specification | Teflon | IA-3638 | Bag of 5 | 85-553 |
| | BNC Terminator | — | — | — | 50 Ohm | Specification | Delrin | IA-3641 | Bag of 5 | 85-556 |
| | 90° BNC Plug | RG-6 | 18 AWG Solid | Non-Plenum | 75 Ohm | Specification | Delrin | IA-3659 | Bag of 5 | 85-575 |
| | BNC Tee Adapter | — | BNC Tee Adapter | — | 50 Ohm | Commercial | Delrin | IA-3667 | Bag of 5 | 85-588 |
| | BNC Adapter | — | Jack to Jack | — | 50 Ohm | Specification | Delrin | IA-3668 | Bag of 5 | 85-590 |
| | BNC Twist-on Plug | RG-59 | 22-23 AWG Solid | Non-Plenum | 50 Ohm | Commercial | Delrin | IA-3677 | Bag of 5 | 85-480 |

BNC/TNC & F-Series Connector Removal Tools

- BNC/TNC connector removal tools for easy access to high density locations of connectors.

| Description | Cat. No. |
|---|---------------|
| 12 in. (30.5 cm) Overall Length, 8 in. (20.3 cm) Blade Length | 35-042 |
| 16 in. (40.6 cm) Overall Length, 12 in. (30.4 cm) Blade Length | 35-043 |





Fiber Optic Products

Simplex/Duplex 3mm Jacket Stripper



- Designed to remove the jacket from 3mm Simplex or Duplex (zip cord) fiber optic cable
- Form-ground, knife-type blades for accurate easy stripping without damaging the fiber or Kevlar® strength member
- Contoured, comfort-grip handles to reduce operator fatigue

| Description | Cat. No. |
|------------------------------------|----------|
| Simplex/Duplex 3mm Jacket Stripper | 45-349 |

Note: Kevlar® is a registered trademark of DuPont.

Stripmaster® Ribbon Fiber Jacket Stripper



- Removes jacket from Ribbon Fiber without damage to the Kevlar® strength member of the Ribbon Fiber

Note: Frame and blade-set sold separately.

| Description | Cat. No. |
|--|----------|
| Stripmaster® Frame only | L-5620 |
| Blade-set for use with Corning Plenum and Riser Ribbon Fiber Cable | LB-1152 |
| Blade-set for use with Corning "Fanout" Ribbon Cable | LB-1153 |

Note: Kevlar® is a registered trademark of DuPont.

Serrated Cutter (For Kevlar®) with Breaker Notch



- Two-Step process significantly increases the life of this rugged tool
- Superior quality high-carbon stainless steel with molybdenum and vanadium provides the super-hard edges needed to stand up to the demands of today's market
- Textured cushioned-grip handles
- Value-priced for contractors, cable assembly houses, fiber installers/technicians and tool kits

| Description | Cat. No. |
|--|----------|
| Serrated Cutter w/Breaker Notch (Patent pending) | 45-344 |

Note: Kevlar® is a registered trademark of DuPont.

MiniLite-Strip™ Optical Fiber Stripper



- Small strip notch engineered and precision-ground to strip 900 micron or 250 micron buffer coatings from 125 micron fiber
- Larger round strip notch machined to remove the 3mm outer jacket
- Strip notches pre-set and locked, no field adjustment necessary

| Description | Cat. No. |
|--|----------|
| MiniLite-Strip™ Optical Fiber Stripper | 45-352 |

Lite-Strip™ Optical Fiber Stripper



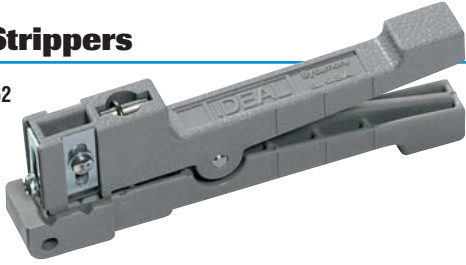
V-notch blades strip a wide range of outer cable jacket. Precision-ground, replaceable knife-type blades strip tight buffer tube insulations (900µm). Also strips mechanically strippable coatings from 250 microns to 900 microns.

- Replaceable precision-ground blades cleanly strip buffer coatings
- New funneled hole makes cable insertion easier
- Improved spring mounting returns handles to original position after every application
- One-step, 900 micron stripping hole provides broader stripping range
- Extra durable to withstand normal drops without requiring tool realignment
- New gauge color makes fiber and hole identification easier
- Improved comfort-grip handles for an easier, more comfortable stripping process

| Description | Fiber Sizes | Cat. No. |
|--|--------------|----------|
| Lite-Strip™ Optical Fiber Stripper (900µm/250µm) | 125µm, 140µm | 45-350 |

Cable Strippers

45-162



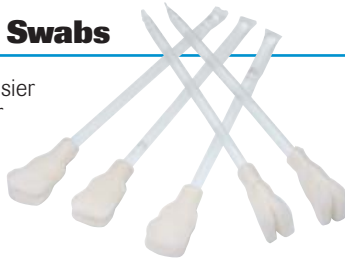
This lightweight, compact stripper is inexpensive and simple to operate.

- Adjustable blades can be set for any depth to help ensure nick-free strips
- Use with twisted-pair wire, tightly wrapped stranded cables, CATV cable, CB antenna cable, SO, SJ, SJT and other types of flexible power cords
- Includes three straight and one round blade

| Description | Cat. No. |
|--|----------|
| Cable Stripper, up to 1/8 in. (3.2 mm) O.D., Gray | 45-162 |
| Cable Stripper, 1/8 in. (3.2 mm) to 7/32 in. (5.556 mm) O.D., Blue | 45-163 |
| Replacement Blade Set for 45-162, 45-163, 45-165 | L-9225 |

Split-Tip Fiber Optic Swabs

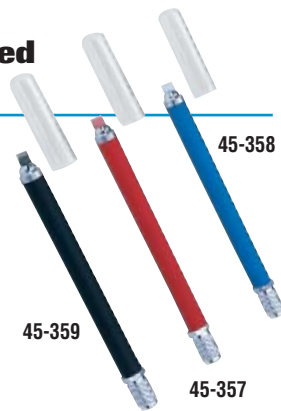
- Split-tip design cleans fiber easier and more efficiently than other methods
- Tube/handle is pre-loaded with 99% isopropyl alcohol
- A single swab can be used for many cleanings or until the alcohol is gone



| Description | Qty. | Cat. No. |
|-----------------------------|--------|----------|
| Split-Tip Fiber Optic Swabs | 20/bag | 45-360 |

DualScribe™ Double-Ended Fiber Optic Scribes

- Three professional quality blade styles to choose from to meet your specific needs – Ruby, Sapphire, Carbide
- Color-coded handles for quick, easy identification
Red – Ruby
Blue – Sapphire
Black – Carbide
- 30° single bevel – DualScribe™ reversible blade doubles tool life
- Soft non-slip grip provides precise control during scribing
- Clear safety cap protects the blades from damage when not in use



| Description | Handle Color | Cat. No. |
|-----------------------------------|--------------|----------|
| Ruby Blade Fiber Optic Scribe | Red | 45-357 |
| Sapphire Blade Fiber Optic Scribe | Blue | 45-358 |
| Carbide Blade Fiber Optic Scribe | Black | 45-359 |

Plastic Polishing Fixture

- Universal fitting accepts all ST®, SC and FC connectors with 2.5mm ferrules
- Economically priced
- Grooved face for polishing efficiency
- Precision tool used by manufacturers, contractors and in tool kits



| Description | Cat. No. |
|---------------------------|----------|
| Plastic Polishing Fixture | 45-342 |

Note: ST® is a registered trademark of AT&T.

Stainless Steel Polishing Fixture for Optical Fiber ST® and SC Type Connectors

Produces polished fiber optic ST® and SC type connectors for optimum connector performance.

- Precision-machined, stainless-steel disk provides accurate polishing angle for desired end face finish
- Stainless-steel hardness maintains long life and resists uneven wear
- Stepped surface reduces drag and friction for easier polishing

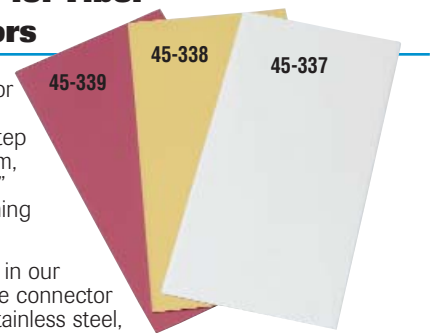


| Description | Qty. | Cat. No. |
|--|------|----------|
| Polishing Fixture for Optical Fiber SC/ST® Type Connectors | 1 | 45-341 |

Note: ST® is a registered trademark of AT&T.

Polishing Films for Fiber Optic Connectors

- For optimum connector polishing results, we recommend a three-step procedure using 0.5µm, 3µm and 12µm 3" x 6" aluminum oxide polishing films
- Lot-to-lot consistency in our films means repeatable connector finishes on ceramic, stainless steel, plastic and composite ferrules
- A single sheet will typically yield 10 to 20 connectors when using the recommended 3-step procedure



| Description | Color | Qty. | Cat. No. |
|--------------------------------|------------|-----------------|----------|
| 0.5µm, 3" x 6", Aluminum Oxide | Ivory | 20 films/sleeve | 45-337 |
| 3.0µm, 3" x 6", Aluminum Oxide | Lt. Yellow | 20 films/sleeve | 45-338 |
| 12µm, 3" x 6", Aluminum Oxide | Lt. Red | 20 films/sleeve | 45-339 |

Fiber Inspection Microscope

45-332



- 100X magnification for viewing multimode connectors
- Includes 2.5mm connector “Universal Adapter” for FC, ST® and SC style connectors
- Oblique illumination provides excellent view of ferrule cleanliness and core condition
- Rugged, rubberized metal housing, precision glass optics and a built-in laser safety filter
- White LED illumination delivers 100,000 hours bulb life
- Soft padded carrying case included
- Battery life 48+ hours
- Compact size 7.5” x 1.96” x 1.18”
- Optional 200X Conversion Eyepiece threads on for viewing finish/polish of singlemode connectors

| Description | Cat. No. |
|--|----------|
| Fiber Inspection Microscope | 45-332 |
| 1.25mm Connector Adapter — LC Connectors | 45-334 |
| MTRJ-Style Connector Adapter | 45-335 |
| 200X Conversion Eyepiece for Singlemode Connectors | 45-336 |

Note: ST® is a registered trademark of AT&T.

VFF5 Visual Fault Finder

Laser light source used to locate breaks, faulty splices and crimps

- Universal 2.5mm interface connects directly to ST®, SC and FC connectors
- Assists in the termination of “no-polish” connectors by indicating proper cleave alignment in connectors such as the MTRJ
- Non-roll design — essential for bench top use when terminating mechanical splices or internal-splice connectors
- Rugged, metal body with protective Santoprene® over-sleeve
- Battery and case included



| Description | Cat. No. |
|---------------------|----------|
| Visual Fault Finder | VFF5 |

Note: ST® is a registered trademark of AT&T.

D



SIGNALTEK FO
IDEAL 03/20/2006 11:56

AutoTest Manual Job Setup
Cable 1001

| Fiber | Test | Result |
|-------|--------------------|---------|
| | Wiremap/Length | Running |
| | Link Establishment | Pending |
| | DHCP | Pending |
| | Ping | Pending |

Run TEMP Copy Recall Test Setup

Test Equipment

SIGNALTEK™-FO Multimedia Qualification Tester



SIGNALTEK-FO is the first Qualification tester that offers both copper and fiber optic testing; and SIGNALTEK-FO does it for less than the price of an Optical Test Set alone.

- Fiber Optic and Copper Gigabit Qualification – Qualify copper and fiber-optic cabling to IEEE 802.3 standards
- Multimedia Gigabit Qualification (Multimode and Single Mode capability) – Qualify short and long range cabling to a distance of up to 10km
- BERT and Optical Attenuation Measurements – Perform Bit Error Rate Testing and decibel (dB) loss measurements of optical links.
- Dual Wavelength Capability – available in both 850nm and 1300nm wavelengths to support virtually all LAN and campus fiber applications.
- Small Form factor Pluggable (SFP) modules are compact, light-weight and field changeable.
- Storage and Reporting for Thousands of Reports – Store and print Qualification reports for copper and fiber jobs using internal memory or USB “thumb-drives”.



SIGNALTEK™-FO Specifications

Ports/Connections

- USB A/B, DC power input
- Shielded RJ-45 Port: Supports 10/100/1000Mbps Ethernet connections
- Small Form-factor Pluggable (SFP): Supports IDEAL SFP modules in 850nm and 1300nm wavelengths, 1000Mbps Ethernet

SFP-850 – 850nm Module

- Class 1 Laser EN60825-1
- Compatible fiber types: 50/125mm or 62.5/125mm graded index multimode fiber
- Power Output (dBm): -9.5min, -3max
- Receiver Power Range (dBm): 0 to -20
- Max Link Length: 550m (1800ft) on 50/125mm fiber; 300m (985ft) on 62.5/125mm fiber
- Operating Temperature: -10 to 85°C (14 to 185°F), 85% RH non-condensing

SFP-13X0 – 1300nm Module

- Class 1 Laser EN60825-1
- Compatible fiber types: 50/125mm or 62.5/125mm graded index multimode fiber and 9/125mm step index single mode fiber
- Power Output (dBm): -9min, -2.5max
- Receiver Power Range (dBm): 0 to -22
- Max Link Length: 550m (1800ft) on 50/125mm fiber; 300m (985ft) on 62.5/125mm fiber; 10km (6.2mi) on 9/125mm fiber
- Operating Temperature: -10 to 85°C (14 to 185°F), 85% RH non-condensing

Length Measurement

- RJ-45 Port: TDR length measurement of 1-4 pair cables to 140m/460 ft.
- SFP Port: No length measurement of fiber optic cables

Bert Error Rate Measurements

- Copper: 10/100/1000Mbps. Error rates tested to IEEE 802.3ab standard
- Fiber: 1000Mbps. Error rates tested to IEEE 802.3ab standard.

Battery Life: Standard AA Alkaline Batteries

- Copper Testing: Approx 15 hours @ 22 tests per hour (45s Autotest)
- Fiber Testing: Recommend use of AC adapters when testing fiber

| Description | Cat. No. |
|---|----------|
| SIGNALTEK™-FO w/850 Modules | 33-981 |
| SIGNALTEK™-FO w/13X0 Modules | 33-982 |
| SIGNALTEK™-FO w/850 & 13X0 Modules | 33-983 |
| SIGNALTEK™-FO w/o Modules (Fiber-Ready) | 33-987 |

#33-983



SIGNALTEK™ Cable Performance Tester

SIGNALTEK™ provides a technically innovative method to test and document performance of voice, data, video, and VoIP applications for cabling installers and network technicians. It tests the link's ability to support applications by transmitting Ethernet packets on the wire and measuring the link performance according to IEEE 802.3ab Gigabit Ethernet standard. By monitoring transmitted and received data packets, it can report the BERT (Bit Error Rate Test) for the link. It uses the latest generation of Gigabit Ethernet technology to provide the best performance to this new class of testers.



Features of SIGNALTEK™

- **Unique** - Simulate real world network traffic with full-duplex gigabit performance testing
- **Unique** - User selectable 10/100/1000 Bit Error Rate Testing (BERT) to ensure performance for all Ethernet devices
- **Unique** - Smart autotest function detects line condition and automatically chooses appropriate test to run to allow testing cable that is terminated with a SIGNALTEK remote, a network device or unterminated
- **Unique** - Save time using the remote to perform 10/100 or gigabit service detection AND initiate an Autotest when main unit is connected
- **Unique** - Maximum flexibility with two USB ports. Connect to a computer to upload test results, connect directly to a printer or connect a USB memory drive for unlimited storage
- **Unique** - Get maximum coverage with a full two-year warranty
- **Unique** - Configure multiple target IP addresses for pinging several network devices to ensure communications with servers, printers, IP cameras, home automation controls, etc.
- Offers network interrogation tools such as link establishment, port LED blink and ping
- Exceeds 100m measurement distance required by IEE 802.3ab gigabit Ethernet standard
- Easy-to-read Pass/Fail performance reports that can be stored and printed for customer documentation
- Multiple BERT configurations for VoIP, data, and video-over-IP specific testing
- Brilliant high-resolution color display visible in any lighting condition
- Uses readily available AA batteries
- Wiremap faults easily with selectable 568 A/B color coding
- TDR to accurately measure length and locate shorts and opens

SIGNALTEK™ Specifications

Cable Types

- Voice/phone cable - USOC/RJ-11/RJ-12 interface
- Data Cable - STP/UTP (RJ-45) for CAT 3/5e/6/6a/7 cabling
- Coax cable - via RJ-45 to F Patchcord, series 6, 59, 58 cabling (50/75 Ohm)

Battery Life: Standard AA Alkaline batteries

- Stand by - 90 days
- Cable testing - 30 hours
- Network monitoring - 4 hours

Physical Dimensions

- Display handset: 7.9" L x 3.6" W x 1.5" D
- Remote handset: 6.8" L x 3.5" W x 1.5" D
- Near-end Weight: 12.5 oz.

Ports/Connections

- RJ-45 test interface port
- Mini USB "A" port
- Standard USB "B" port
- DC power input for long-term network monitoring

| Description | Cat. No. |
|--|--------------|
| SIGNALTEK™ Kit | 33-974 |
| Universal 120-240V Power Adapter | 4010-00-0136 |
| RJ-45 to 8 Head Alligator Clip | K-7920 |
| Replacement Cable Accessory Kit - contains all original cables in SIGNALTEK™ Kit | 1219-91-0003 |

#33-974



LANTEK® 6/6A/7G LAN Cable Certification Testers

LANTEK offers a family of high performance cable certification testers to support a full range of LAN cable testing. The LANTEK family of certification testers uses the IDEAL patented measurement system that removes the effects of ordinary patchcords, thus making channel and permanent link certification of a cable standard such as CAT6a or ISO-F possible without changing adapters. The same patented technology also makes DUALmode Testing possible so the users can get any two test results simultaneously. As a result, the LANTEK Cable Certification Testers save you money and time on the job.

- **LANTEK® 7G 1GHz** is the world's first independently verified Level IV accurate LAN cable certification tester capable of testing installations up to 1 GHz, exceeding the requirements for CAT6a/7/ISO-F.
- **LANTEK® 6A 500MHz** is a Level IIIe verified certification tester designed to support the emerging CAT6a Standard to certify LAN cabling to support applications up to 10G Ethernet.
- **LANTEK® 6 350MHz** is a Level III verified LAN certification tester designed to support up to CAT6/ISO-E cabling.

Features of LANTEK® Products

- **High-Performance LANTEK® 7G/6A/6** – sweeps to 1 GHz and supports testing requirements up to CAT 6/6a/7/ISO-F and beyond
- **Level IV/IIIe/III Accuracy** – independently verified by ETL for baseline, channel and permanent link
- **DUALmode Testing to Save Time** – reports channel and permanent link test results simultaneously
- **Test with Patchcords to Save Money** – performs CAT6A/6/5e/ISO-Ea/E/D testing with standard patchcords to achieve the lowest cost of ownership
- **Largest Internal/External Memory Capacity** – makes record management easy
- **Convenient FIBERTEK™ Accessory** – simultaneously tests two fibers for attenuation and length
- **Innovative TRACETEK™ Accessory** – performs advanced fiber fault location and troubleshooting functions



Test Equipment

Kits Include:

| PACKAGE AND ACCESSORIES | LANTEK6B Basic | LANTEK6ABAS Basic | LANTEK6APREM Premium | LANTEK6ATRV Travel | LANTEK7GBAS Basic | LANTEK7GPREM Premium | LANTEK7GTRV Travel |
|--|-------------------|----------------------|-------------------------|-----------------------|----------------------|-------------------------|-----------------------|
| Soft Carrying Case | ✓ | ✓ | – | – | ✓ | – | – |
| Deluxe Hard Shell Case | – | – | ✓ | – | – | ✓ | – |
| Airline Grade Travel Case with Wheels | – | – | – | ✓ | – | – | ✓ |
| 64MB Compact-Flash Memory Card | – | – | ✓ | ✓ | – | ✓ | ✓ |
| Category 6 Universal Adapters & Reference Cables | ✓ | – | – | – | – | – | – |
| Category 6a Universal Adapters & Reference Cables | – | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| CAT7 (TERA) Adapters & Reference Cables | – | – | – | – | ✓ | ✓ | ✓ |
| Batteries | 2 | 2 | 4 | 4 | 2 | 4 | 4 |
| DUAL Bay Rapid Battery Charger | – | – | ✓ | ✓ | – | ✓ | ✓ |
| Headsets (2), AC Adapters (2), Hanging Straps (2), Serial Cable (1), USB Cable (1), LANTEK Reporter Software (1) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Note: Delivery content may vary outside of US. Please contact your local IDEAL sales office for details. The airline grade Travel Case fits in most airline overhead storage compartments.

| FEATURES | LANTEK6 Basic | LANTEK6A Premium | LANTEK7G Premium |
|--|------------------|---------------------|---------------------|
| Frequency Range | 350 MHz | 500 MHz | 1 GHz |
| Supports CAT7 & ISO-F | Upgradeable | Upgradeable | ✓ |
| Supports CAT6a | Upgradeable | ✓ | ✓ |
| Support CAT6/5e/3 and ISO-E/D/C | ✓ | ✓ | ✓ |
| Accuracy Level III/IIIe (Draft)/IV (LANTEK6/6A/7G) verified by | ETL | ETL | ETL |
| Support DUALmode Testing to Save Time | ✓ | ✓ | ✓ |
| Test with Patchcords to Save Money | ✓ | ✓ | ✓ |
| Screen Display Area | Best | Best | Best |
| CAT6 Test Storage with Graphs | 500 | 500 | 500 |
| Standard External Compact Flash Memory | Option | 64MB | 64MB |
| USB/Serial Port | ✓ | ✓ | ✓ |
| Copper TDR Trace | ✓ | ✓ | ✓ |
| Fiber Loss Measurement (FIBERTEK) | Option | Option | Option |
| Fiber Distance to Break (TRACETEK) | Option | Option | Option |
| Talk over Fiber & Copper (Full Duplex) | ✓ | ✓ | ✓ |
| Display Screen on Remote | ✓ | ✓ | ✓ |
| Troubleshooting Tone Generator on Remote | ✓ | ✓ | ✓ |
| External Rapid Battery Charger & Extra Batteries | Option | ✓ | ✓ |

| Other Accessories | LANTEK6/6A/7G |
|---|---------------|
| Soft Carry Case | 3010-12-0096 |
| Deluxe Hard Carry Case | 3010-12-0092 |
| Batteries | 1219-00-1604 |
| Serial Cable | 6011-50-0031 |
| 64 MB CompactFlash Card | 2112-27-0605 |
| CompactFlash Card Reader for PC | 2112-27-0604 |
| LANTEK CAT 6/5e Channel Adapters (ea.) | 0012-00-0629 |
| LANTEK CAT 6a/6/5e Channel Adapters (ea.) | 0012-00-0656 |
| LANTEK CAT 6a/6/5e Reference Patchcords (ea.) | 6011-50-0029 |
| Talkset (2) | 3010-70-0015 |
| User Manual | 6510-00-5000 |
| Dual Bay Battery Charger | 0012-00-0642 |
| LANTEK CAT 7 TERA Testing Kit | 1019-00-1105 |
| LANTEK CAT 7 NEXANS Testing Kit | 1019-00-1110 |
| Coax Testing Adapter Kit | 1019-00-0343 |
| 110 Block Testing Adapter Kit | 1019-00-1112 |
| BIX Block Testing Adapter Kit | 1019-00-1114 |
| 66 Block Testing Adapter Kit | 1019-00-1115 |



FIBERTEK™ and TRACETEK™ Advanced Fiber Test Options

Features of FIBERTEK™ Products

- Measures signal loss and length
- 850nm VCSEL light source enables Gigabit Ethernet certification on Multimode fiber
- Enables bi-directional, dual wavelength measurements
- Full duplex talkset capability
- Provides easy switching of LANTEK® Cable Tester between Copper and Fiber LAN testing
- Separate loopback testing method for high precision length
- Outstanding Temperature Compensation provides highly accurate test results in a wide variety of environments



FIBERTEKMMP Multimode Fiber Testing Premium Kit

- All of the features of the FIBERTEKMMB plus TRACETEKMM (below):

FIBERTEKSMP Singlemode Fiber Testing Premium Kit

- All of the features of the FIBERTEKSMB Plus TRACETEKSM (below):

Features of TRACETEK™ Products

- Enables LANTEK® certification testers to provide an event trace at a fraction of the price of an OTDR
- Provides easy switching of LANTEK® certification tester between FIBERTEK™ loss and length measurement and TRACETEK™
- Includes event plots that pinpoint significant losses along the fiber
- Provided with launch cable and appropriate connectors

| FIBERTEK/TRACETEK PACKAGES | FIBERTEKMMB | FIBERTEKMMP | FIBERTEKSMB | FIBERTEKSMP | FIBERTEKALB | FIBERTEKALLP | TRACETEKMM | TRACETEKSM |
|--------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|------------|------------|
| FIBERTEK – 850nm MM Adapter | ✓ | ✓ | | | ✓ | ✓ | | |
| FIBERTEK – 1300nm MM Adapter | ✓ | ✓ | | | ✓ | ✓ | | |
| FIBERTEK – 1310nm SM Adapter | | | ✓ | ✓ | ✓ | ✓ | | |
| FIBERTEK – 1550nm SM Adapter | | | ✓ | ✓ | ✓ | ✓ | | |
| TRACETEK – 1300nm MM Adapter | | ✓ | | | | ✓ | ✓ | |
| TRACETEK – 1310NM SM Adapter | | | | ✓ | | ✓ | | ✓ |
| Fiber Cleaning Starter Kit | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 62.5/50µm, MM, ST-ST Cable Kit | ✓ | ✓ | | | ✓ | ✓ | | |
| 62.5/50µm, MM, FC-ST/FC-SC Cable Kit | | ✓ | | | | ✓ | ✓ | |
| 9µm, SM, FC-ST Cable Kit | | | ✓ | ✓ | ✓ | ✓ | | |
| 9µm, SM, FC-ST/FC-SC Cable Kit | | | | ✓ | | ✓ | | ✓ |

See your IDEAL representative for additional specifications on all certification products.

SecuriTEST™ CCTV/Security Tester

CCTV installers often need to carry a variety of testing tools to complete their work. SecuriTEST combines the most-needed tools in one easy-to-carry package. Since all connections (video/communications/DMM) attach to a single unit, SecuriTEST eliminates the need to juggle several devices while on a ladder or lift, making working conditions safer and increasing productivity.

- Six Essential CCTV Tools – Combines a CCTV video tester, PTZ camera controller, Digital Multi-Meter, UTP cable tester, video test pattern generator and PTZ protocol analyzer in a single compact package.
- Save Time & Money – Test, aim and focus cameras when working alone and save time by not having to walk back to the control center to verify functionality of each camera.
- Compact Design – Combines all the most needed security tools in a lightweight, easy-to-carry unit with a sharp, bright 2.5in (6.3cm) color LCD screen with on-screen displays for PTZ control/diagnostics and DMM readouts.
- PTZ Protocol Analyzer – Compatible with over a dozen PTZ protocols to test and program cameras in the field. Decodes and identifies output from PTZ console to aid in troubleshooting.



| Description | Cat. No. |
|---------------------------------------|----------|
| SecuriTEST™ CCTV/Security Tester only | 33-891 |
| SecuriTEST™ Tester Pouch only | 62-891 |

Includes: Rechargeable batteries, AC charger, car charger, test leads, wiremap terminator, neck strap and manual. 1-year Warranty.

VDV MultiMedia Cable Tester

- **Voice** – supports 3-pair USOC and 6-position RJ-11/12 jacks
- **Data** – supports both shielded and unshielded cable testing to T568A/B (RJ-45)
- **Video** – tests coax cable for opens and shorts with F-connector interface
- Tests for opens, shorts, miswires, reversals and split pairs. Also indicates correct wiremap. Has automatic shut off (to prolong battery life) and low battery indicator.
- Easy to read LCD display with “PASS/FAIL” indicator after each test
- Tone generator supports four different tones making fault isolation easier

Integrated RJ-11/12 (phone), RJ-45 (UTP/STP) and Coax (F-Connector) interfaces on top of the unit

Detachable remote with RJ-11/12, RJ-45 and Coax (F-Connector) interfaces.



Large LCD display

Display automatically warns of voltage on lines and shows a Pass or Miswire message after each test.

Remote ID number (flashing) or “S” for shielded (flashing).

A single button push immediately selects between VOICE, DATA or VIDEO testing functions.

TONE button starts “Instant-On” tone generator

| Description | Cat. No. |
|--|----------|
| Kit with integrated remote and accessories | 33-856 |

LinkMaster™ Tester

Tests wiring configurations on UTP/STP cables. Checks for shorts, miswires, reversals and split pairs. Debug feature, automatic shut-off and low battery LED indication.

- Designed to test installed twisted pair wiring
- Tests unshielded and shielded modular plugs
- Main unit and remote allow one person testing



| Description | Cat. No. |
|--|----------|
| LinkMaster™ Tester and Remote (blister card) | 62-200 |

LinkMaster™ PRO and LinkMaster™ PRO XL Testers

The LinkMaster™ PRO & LinkMaster™ PRO XL Testers enable installers, contractors and maintenance technicians to map, test and troubleshoot data and voice communication cable and coax runs. Rugged, versatile, and easy-to-use, they have mastered the link between performance, simplicity and value for both commercial and residential applications.

Features

| Description | LinkMaster™ PRO | LinkMaster™ PRO XL |
|---|-----------------|--------------------|
| Blinks the hub | | ■ |
| Displays length measurement with test results | | ■ |
| Remotes have both RJ-11 and RJ-45 jacks | | ■ |
| Backlight LCD screen | | ■ |
| Measures length on UTP, STP and coax | ■ | ■ |
| Tests UTP for shorts, opens, miswires, reversals, split pairs and shield continuity | ■ | ■ |
| Test coax for opens, shorts and continuity | ■ | ■ |
| Shows wiring errors | ■ | ■ |
| Tests and identifies with all eight twisted pair and coax remotes | ■ | ■ |
| Sends tone with four different signals | ■ | ■ |
| Displays test results in wire map format | ■ | ■ |
| Snap-off battery cap | ■ | ■ |
| 9 volt battery included | ■ | ■ |

Kits and Accessories

| Description | Cat. No. |
|---|----------|
| LinkMaster™ PRO XL Kit w/eight remotes | 33-880 |
| LinkMaster™ PRO XL Kit w/eight remotes & ABS™ Tester | 33-881 |
| LinkMaster™ PRO XL Kit w/eight remotes (international packaging) | 33-886 |
| LinkMaster™ PRO XL Economy Kit w/one remote | 33-887 |
| LinkMaster™ PRO Kit w/eight remotes - Unshielded jumper cables | 33-825 |
| LinkMaster™ PRO Kit w/eight remotes - Shielded jumper cables | 33-826 |
| LinkMaster™ PRO Economy Kit w/one remote - Unshielded jumper cables | 33-835 |
| LinkMaster™ PRO Economy Kit w/one remote - Unshielded jumper cables | 33-836 |
| RJ-45 to RJ-11 jack adapter (2/card) POP Packaging | LA-4233 |
| RJ-45 to F-connector adapter (2/card) POP Packaging | LA-4234 |
| LinkMaster™ PRO XL remotes UTP/STP 2-8 only (white carton) | LA-4235 |
| LinkMaster™ PRO XL large replacement case | H-3412 |
| Security Kit - 8-position modular adapter and eight RJ-45 to alligator clip lead sets | LA-4157 |
| BNC Accessory Kit | LA-4173 |
| Set of eight color-coded F-terminators for LinkMaster™ PRO or PRO XL | LA-4159 |
| LinkMaster™ PRO large replacement case | H-3324 |
| Replacement economy kit case | IA-4868 |

Remote Jack for Patch Cords

Main Jack for all Testing

Larger Backlit LCD Screen

Six Modes of Operation

- Cable Test
- Hub Blink
- Tone
- Length
- Coax
- Setup Mode

Press SEL to:

- Turn on back-light (Hold 2 sec)
- Execute current displayed mode
- Start new test cycle
- Select one of four tones
- Change pair being measured for length
- Change user selectable options
 - Beep On/Off
 - Unshielded or Shielded Cable
 - Units—Feet or Meters

Arrow Keys

- To change length constant
- To change pair or pin selection for tone
- To scroll through setup selectable options



#33-880



#33-887



#33-825



#33-835

Amplifier Probe & Tone Generator and Kits

Amplifier Probe

- Identifies and traces wire or cables within a group
- Battery cap allows quick and easy battery replacement
- Battery low indicator

Tone Generator

- Emits three different types of tones
- Auto-off after three hours of non-use
- Tone can be added in any status

| Description | Cat. No. |
|-----------------|----------|
| Amplifier Probe | 62-164 |
| Tone Generator | 62-160 |



Kits include: Amplifier Probe, Tone Generator, Lead Set, Cable Assembly and flat tip

| Description | Cat. No. |
|----------------------------|----------|
| Kit in soft black pouch | 33-864 |
| Kit in hard gray case | 33-862 |
| Replacement Tip – Standard | LA-4145 |
| Replacement Tip – Flat | LA-4144 |

TRACETone™ Tone Generator & Amplifier Probe

- Test continuity and locate signal of installed wire and cable
- Two selectable tone styles
- Tone Generator & Amplifier Probe fit together for easy storage
- Extra-deep serrations grips wire better
- RJ-11 Alligator Clip, RJ-11 Cable Assembly included



| Description | Cat. No. |
|--|----------|
| TRACETone™ Tester and Accessories (blister card) | 62-140 |

ABS™ Tester & ABS™ Signal Thrower™ and Kits

ABS™ Tester

- Amplifier probe with telephone troubleshooting capabilities
- Tone TRACE feature detects tone signal
- Receives and reproduces telephone system dial tone
- Indicates call addressing for correct telephone number
- Polarity indicator tests for correct wiring and power

ABS™ Signal Thrower™

- Works with the ABS™ Tester to locate and identify cables
- Emits three different types of signals
- Auto-off after three hours of non-use

| Description | Cat. No. |
|----------------------|----------|
| ABS™ Tester | 62-180 |
| ABS™ Signal Thrower™ | 62-184 |



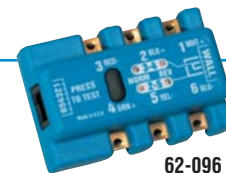
Kits include: ABS™ Tester, ABS™ Signal Thrower™, Lead Set and Cable Assembly

| Description | Cat. No. |
|-------------------------|----------|
| Kit in soft black pouch | 33-854 |
| Kit in hard gray case | 33-852 |
| Kit on blister card | 62-188 |

Modular Adapters

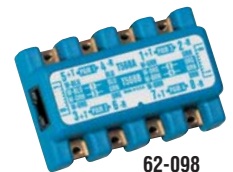
Smart6™ Modular Tester

- 6-position Tester
- Incoming call identification



Data8™ Modular Adapter

- 8-position Adapter
- High-performance jack
- Internal circuit design to reduce attenuation, coupling, NEXT



| Description | Cat. No. |
|------------------------|----------|
| Smart6™ Modular Tester | 62-096 |
| Data8™ Modular Adapter | 62-098 |

Stripmaster® Wire Strippers

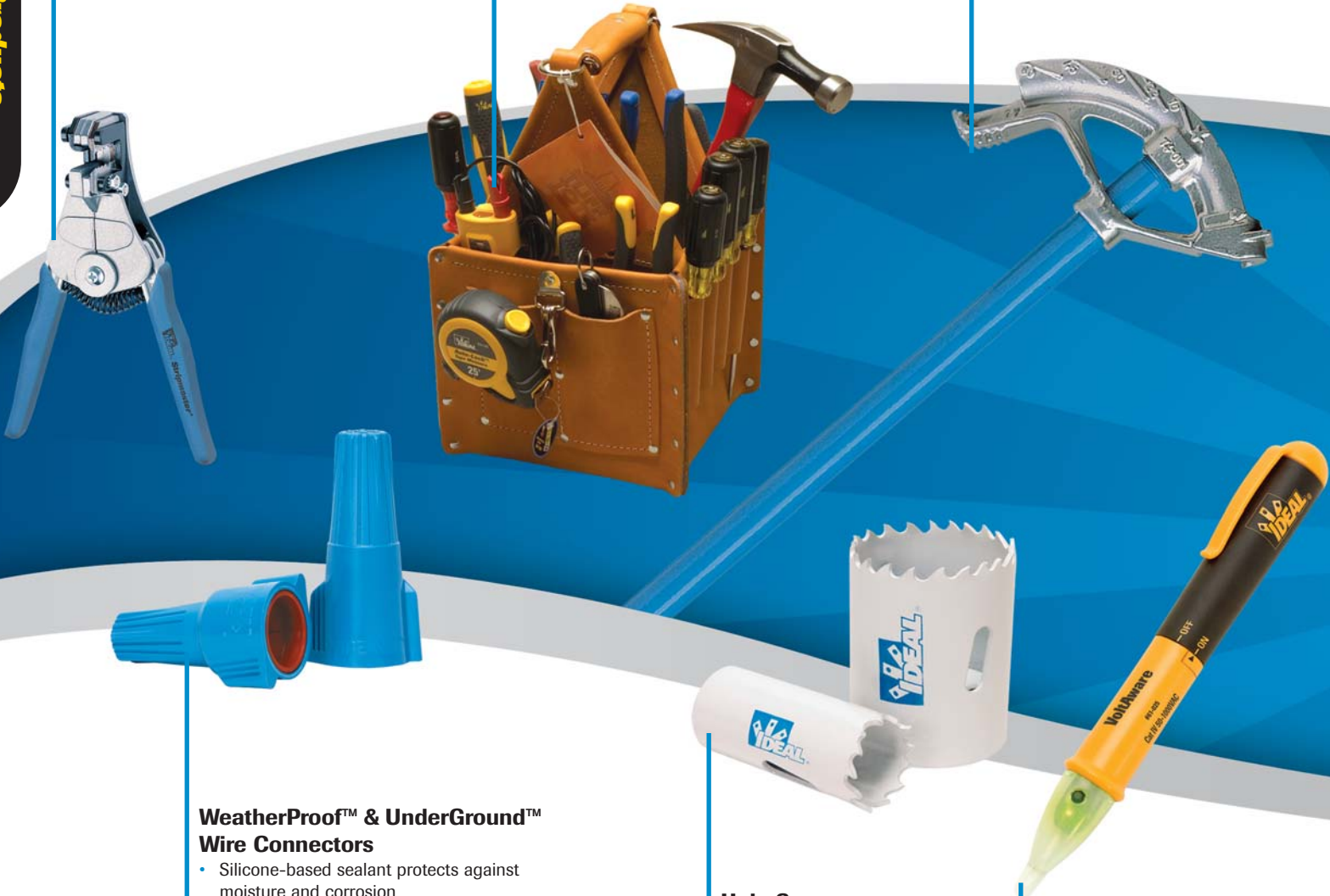
- One-step stripping enhances productivity
- Spring-action motion increases leverage and reduces operator fatigue
- Precision-ground, knife-type blades provide clean, accurate stripping
- Sturdy die cast frame provides long-term durability

Tuff-Tote™ Leather Tool Carriers

- Convenient 6 in. x 8 in. tool carrier with four center screwdriver slots, two interior compartments, two divided outside pockets and four outside tool loops

Benders

- Lightweight aluminum for easy handling
- Strong enough for every day use



WeatherProof™ & UnderGround™ Wire Connectors

- Silicone-based sealant protects against moisture and corrosion
- UL Listed to 486D for use in damp/wet locations or direct burial
- Easy to apply, pre-filled twist-on wire connectors

Hole Saws

- Thicker, FLEX FREE backing plate for clean true holes and longer tool life
- Improved bi-metal construction for long life and durability
- Variable pitch tooth geometry for fast cutting and reduced vibration

VoltAware™ NCV Tester

- Indicates presence of voltage from 40-1000VAC
- Visual indication of voltage
- Selectable audible indication of voltage
- Sleek, compact design
- Green LED indicates power on

Velocity™ Wire Pulling Lubricant

- High cling factor
- Maximum friction reduction
- Specification grade
- Compatible with all popular cable types
- Temperature stable



Kinetic™ Reflex™ T®-Stripper Wire Strippers

- Non-slip santoprene™ textured grips and thumb rest
- Plier nose for holding and twisting wires
- Slide lock for safety and storage
- Thumb and finger valley makes stripping easier and more accurate



Twister® Pro Wire Connectors

- SureGrip™ overmolding provides better grip for improved leverage and more torque
- Comfortable swept wings designed to help reduce hand fatigue
- Expanding square-wire spring provides a secure connection every time

BUCHANAN B-CAP® Wire Connectors

- Three color-coded models cover a full range of wire sizes from 22 AWG through 6 AWG
- Classic Fin™ design provides secure grip for extra leverage on maximum wire combinations
- Live-action spring expands to accept wire shape and size - no pre-twisting required



Industrial Clamp Meters

- 600 and 1000 amp clamps for a variety of industrial and commercial environments
- Unique TightSight™ bottom display makes hard-to-reach measurements convenient
- New easy-to-read displays feature large numbers and green glowing backlight



Tuff-Grip™ Pro Fish Tapes

- Tuff-Cuff™ tape retaining feature keeps tape properly positioned in the opening
- Full-perimeter handle band helps keep dirt and moisture out, prolonging life
- Easier to install replacement tapes
- Superior pull-out and rewind characteristics



WireMan™ Pliers

- Large head for extra strength
- High leverage rivet requires less cutting force
- Custom hardened tool steel for durability
- Cross-hatched jaws so wires won't slip when pulling

TERMINATING COAXIAL CONNECTORS

Cable Types

There are three basic communications cables used. They are coaxial cable for video applications, Cat5e UTP cable for data networking and Cat 3 used in telephone applications.

Coax Cable

RG-59 Generally not recommended anymore for CATV or Satellite. Smaller 22 AWG center conductor with 40% braiding, thinner in diameter than RG-6. Loses 80-90% of a signal every 100 ft.

RG-6 Is recommended by CATV and Satellite. 18 AWG center conductor with 60% braiding. Loses about 50% of the signal every 100 ft.

RG-6 Quad Is double shielded with two layers of foil and braiding with a 18 AWG center conductor. Use where extra protection from outside interference is needed. Loses about 50% of the signal every 100 ft.

Category 3, 5e, and 6

Cat 3 Cable Primarily used for phone applications where wiring is ran behind walls and is recommended by the FCC for phone use. Can be used by Data networks that are limited to 10 Mbs. Available in 2 and 4 pairs

Cat 5e and 6 Cable Used for Data networking of computers together. Cat 5e can be used for computer networks up to 1000 Mbs and Cat 6 is used for networks up to 250 MHz.

Cat 3, Cat 5e and Cat 6 cables twist the individual pairs to reduce noise or interference between the pairs that provides a stronger signal.



Coax Connector Types

Typical coaxial cable connectors used for CATV, satellite and video applications are called "F" connectors. Available in a compression, one-piece crimp, push-on, and a twist-on style. For security applications, BNC style connectors are used. They are available in crimp or compression style.

Twist On are the easiest to use but can be pulled off the end of the cable. Crimp On have been the standard connector used for many years. Push On are a great alternative and really stay on the end of the cable and require no extra tools to install. Compression connectors add a watertight seal and are recommended by satellite and CATV providers.

The connectors are available for RG-59, RG-6 and RG-6 Quad coaxial cables. Make sure to match the connector to the type of coaxial cable you're installing.

COAXIAL/CONNECTOR SELECTION GUIDE

Compression



Push-On



Crimp-On



Twist-On



Best
Connection



Better
Connection



Good
Connection

Connector Termination Instructions

COAXIAL/CONNECTOR SELECTION GUIDE

Pro—Compression Connector

Professionals use compression connectors because they are approved by cable and satellite providers. However, they are easy enough for anyone to install. The connector is permanent and does not pull off the cable and provides a watertight connection.



Best—Push On Connector

After stripping the cable and folding back the braiding, the connector is “pushed” onto the cable until the white dielectric is even or flush with the small opening. The push-on connector is a permanent termination and cannot be pulled off.



Better—Crimp On Connector

Crimp On connectors use a crimping tool to install the connector onto the end of the cable. After stripping the cable, the connector is pushed onto the cable. Simply load the connector into the correct hole in the tool and squeeze the tool until it releases (more detailed instructions included with tool).



Good—Twist On Connector

Twist On connectors simply thread onto the outer jacket of the cable after it has been stripped. They require no additional tools to install. Just twist the connector onto the cable until it is fully seated.



DEFINITION OF TERMS

Braid

Same as shielding- Typically made from a number of smaller aluminum or copper conductors interwoven together to form an outer conductor around the dielectric core. The braiding stops lower frequency noise from interfering with the signal traveling down the center conductor.

Center Conductor

RG-6 and RG-6 Quad have a 18 AWG copper coated steel conductor that carries the signal.

Dielectric

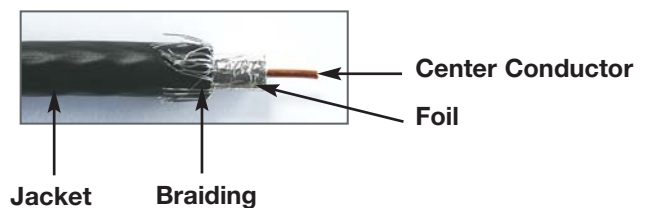
Insulation used to separate between the center conductor and braid/shielding conductor of coax cable.

Foil

The foil shield stops higher frequency noise (RFI) from interfering with the signal traveling down the center conductor.

Jacket

Outer material serves as a protective covering from the environment and may also add in the overall flame retardant properties of the cable.



COAXIAL INSTALLATION STEPS

Step 1

Choose the right connector from the selection guide.

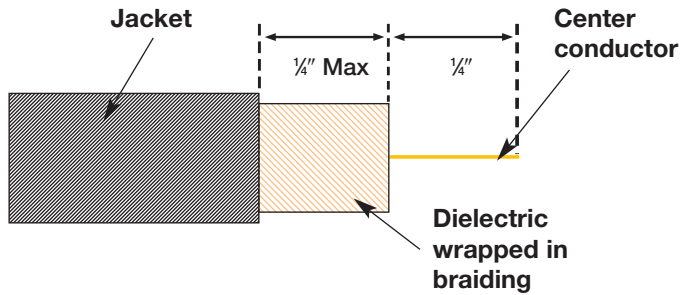
Step 2

Cut Cable



Data T®-Cutter
Cat. No. 45-074

Cut cable using a round cutter to maintain cable geometry.



Step 3

Strip Cable

BNC compression and all F-connectors require a two step 1/4 in. x 1/4 in. strip. Crimp BNC require a 3 step strip. (See product packaging for instructions.)



Coax Stripper
Cat. No. 45-603

Strip cable by inserting cable into stripper and rotate stripper multiple times.



Fold back braiding

Fold back braiding over outer jacket of cable. Place connector onto cable until white dielectric is even with center hole of connector.

TERMINATING A DATA JACK

Step 4 - Terminate

Compression F-Style

Place the connector onto the end of the cable until the white dielectric is flush with the center hole of the connector. Insert the connector into the tool and squeeze the handle until the connector is fully compressed.

Crimp F-Style

Insert stripped cable into connector until the white dielectric is even with the center hole. Crimp per tool's instructions.

Compression BNC

Insert stripped cable into BNC connector until the white dielectric reaches a point where you can feel the center conductor connect with the inner center pin socket.

Compress per your tool's guidelines.

(NOTE: To help approximate how much cable to push into the connector for the center conductor to grab, you can do the following: Hold stripped cable against the connector as shown in photo to the right. End of center conductor should line up with movable portion of connector. Mark cable where it meets end of conductor. This mark shows how far to insert cable fully seat conductor.)



Cat. No. 30-603



Finished connector



Connector Termination Instructions

TERMINATING A DATA JACK

Step 5 - Testing

Test the cable with a continuity tester to make sure cable is properly terminated with no opens or shorts.



LinkMaster® Pro XL
Cat. No. 33-880



VDV MultiMedia Tester
Cat. No. 33-856

DATA WIRING

Cable Pulling Tips

Maximum pulling tension—25 lbs.

Minimum bending radius—4 times diameter of cable

12 in. from power lines

4 ft. from motors or transformers

12 in. from fluorescent lighting

Should cross perpendicular to power lines

Cable untwisting allowed after termination:

3 in. for Category 3 cable

0.5 in. for Category 5e and Category 6 cable

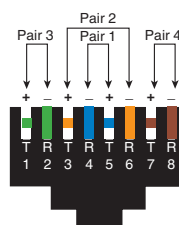
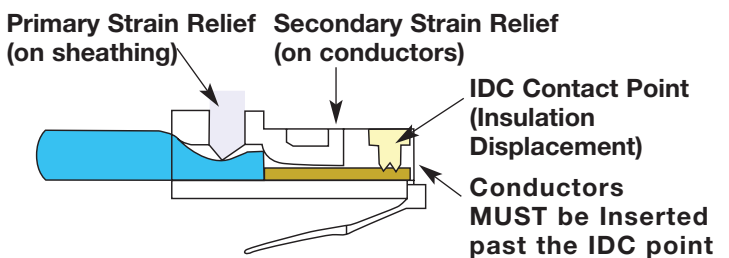
Avoid kinking or bending cable. Cable ties should not be overly tight. Don't use standard staples to support cable as they may crush the cable.

What are RJ-45 Modular Plugs?

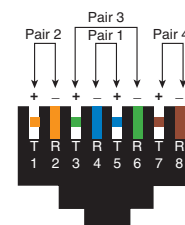
All Category 3 (16 MHz), 5e (100 MHz), and 6 (250 MHz) UTP cables that connect computers and other networked equipment together are terminated with an 8-position modular plug. The completed cable, typically called a patch cord, is terminated with an RJ-45 connector on each end. All computers use this style connector and is very common in the industry. It can also be used for 4 line telephone systems.

Use quality connectors, make sure the plugs you buy are rated for data applications. They should also be rated for the type of UTP cable being used, either solid or stranded cable. If you use stranded rated plugs on solid Cat 5e cable the result will be opens in the connections. However, you can use solid modular plugs on solid or stranded cable.

The cable must be terminated to the EIA/TIA wiring standards. Shown to the right are the wiring orders for the connector. Typical patch cords terminate the connections the same way on both ends of the cable. Crossover cables are sometimes needed, wire one end in 568A to other 568B.



T568-A*



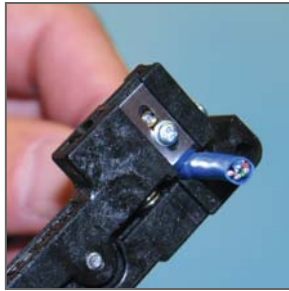
T568-B (AT&T)

Note: Diagrams reflect flat surface of modular plug facing up, with tab side down.

TERMINATING DATA MODULAR PLUGS

Step 1

Strip back 2 in. of outer jacket.



Cat. No. 45-165

Step 2

Separate pairs into proper sequence either EIA/TIA 568 A or B.

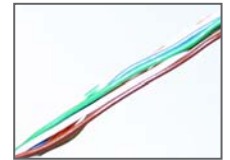
(NOTE: Wiring configurations reflect flat surface of the modular plugs facing up, with tab side down.)



T568A



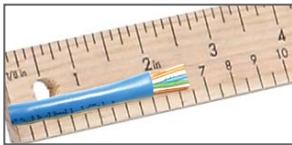
T568B



Flatten all pairs together

Step 3

Flatten the pairs so they are close together and in the right color sequence. Then trim them to 1/2 in. from the outer jacketing. Slip plug onto the cable as shown. Gold pins of plug are facing the installer. Otherwise, the resulting connection will be mis-wired.



Trim conductors 1/2 in.



Insert wire pairs into plug

Step 4

Terminate the plug using a modular plug crimping tool. Simply insert it into the RJ-45 die in the tool and squeeze the handles firmly.



Cat. No. 30-522

TESTING DATA MODULAR PLUGS

Testing

Test the cable with a continuity tester to make sure cable is properly terminated with no opens, shorts, reversals, or miswires.



LinkMaster™
Cat. No. 62-200

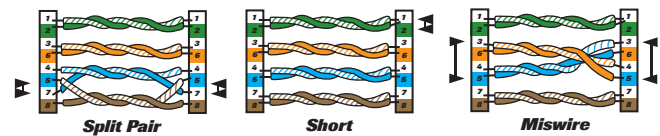


LinkMaster™
Pro XL
Cat. No. 33-880



VDV MultiMedia
Tester
Cat. No. 33-856

Wire Error Definitions



Connector Termination Instructions

TESTING DATA MODULAR PLUGS

Typical Questions

How to decide which wiring configuration to use:

EIA/TIA T568A and T568B:

Definition - A predetermined wiring order of individual conductors in a cable, based on the color of the conductor's outer sheathing.

Does the job specification call out a wiring configuration?

Does the customer/end user have a preference for T568A or T568B?

Are you adding on to an existing wiring structure? If so, your new cabling should match the existing wiring.

If none of the factors above apply, either T568A or T568B may be used. It is important to ensure that the workstation connectors and the patch cord are wired to the same pattern. T568B is commonly used in commercial installations, while T568A is prevalent in residential installations.

DATA JACK

What is a Data jack?

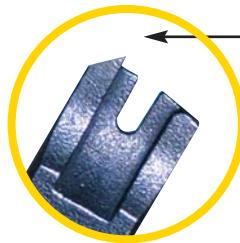
These terminations for Category cables like Cat 5e and Cat 6 cable for data applications are very common today. An installer will terminate the jack using a punchdown tool as shown. Refer to the jack manufacturer for instructions on how to properly install the cable into the jack.



CAT 5e



Punch Down tool
with 110 blade
Cat. No. 35-485



Cutting
edge



110 Blade
Cat. No. 35-495



110/66 Blade
Cat. No. 35-407

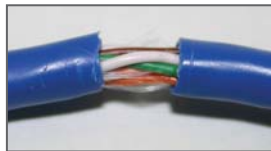
TERMINATING A DATA JACK

Step 1

Strip back 2 in. of outer jacketing of cable. Avoid damaging or nicking of the pairs.



Score cable with stripper
Cat. No. 45-165



Bend cable, remove jacket

Step 3

Terminate the wires into the slots on the jack by using a punch down tool as shown. Make sure cutting edge of blade is on outside of jack.

USE LOW IMPACT SETTING FOR JACKS



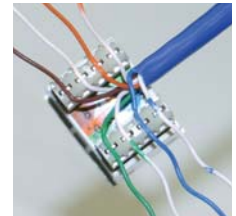
Terminated Jack

Step 2

Determine the wiring configuration to use. Separate the pairs and insert them into the colored slots. The jack will have both wiring codes printed on it. No more than 1/2 in. of each pair should be left untwisted.



T568A
or
T568B



Step 4

Testing the connections.

Once you have everything terminated it is advised to test the cabling using a wiremap tester.

Tester Choices



VDV MultiMedia
Tester
Cat. No. 33-856



LinkMaster™
Cat. No. 62-200



LinkMaster™
Pro XL
Cat. No. 33-880

TERMINATING TELEPHONE MODULAR PLUGS

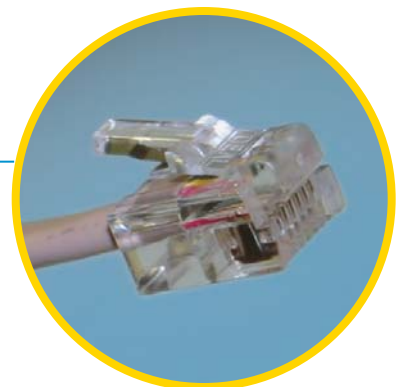
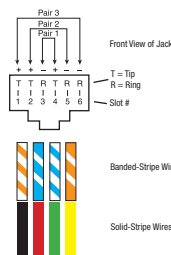
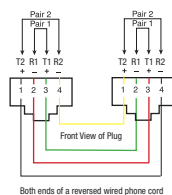
What is an RJ-11 Modular Plug?

Telephones use patch cords to connect to the wall outlet. The cables are terminated with an RJ-11 Modular Plug. RJ-11 is a 2 pair or 4 wire connector which supports up to two phone lines.

All phone cords are wired where the two ends of the cable are wired exactly opposite of each other.



Cat. No. 30-496



CAT 3

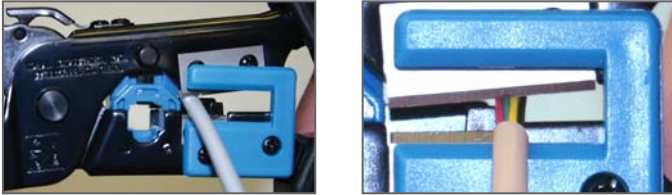
CAT 5e

Connector Termination Instructions

TERMINATING TELEPHONE MODULAR PLUGS

Step 1

Trim end of cable and strip back 1/4 in. of outer jacket of cable with tool as shown.



Cat. No. 30-496

Strip outer jacket and trim cable to 14 in.

Step 2

Insert stripped wires into RJ-11 plug (follow below color codes). Maintain the order of the wires while inserting into plug.



Step 3

Insert connector into RJ-11 die nest in middle of tool. Squeeze handles firmly to crimp the connector.



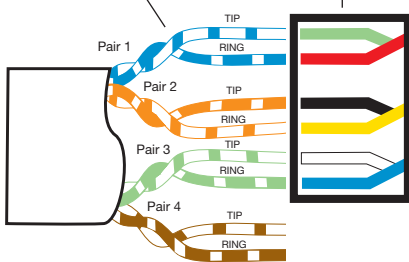
Step 4

Test the cable with a continuity tester to make sure cable is properly terminated with no opens, shorts or miswires.



Wire Color Codes – Convert “Old” to New

A. Band Twisted-Pair Wire B. Solid Twisted-Pair Wire



Standard 4-Pair Wiring Color Codes

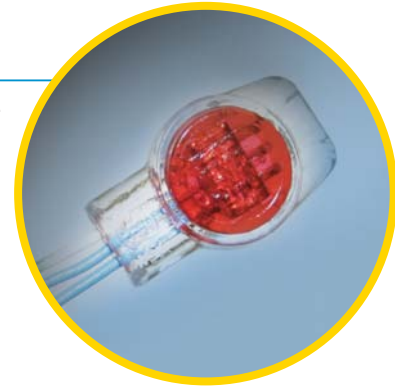
| | | |
|--------|--------|------------------------|
| PAIR 1 | T R | White/Blue Blue |
| PAIR 2 | T R | White/Orange Orange |
| PAIR 3 | T R | White/Green Green |
| PAIR 4 | T R | White/Brown Brown |

Note: For 6-wire jacks use pair 1, 2 and 3 color codes. For 4-wire jacks use pair 1 and 2 color codes.

SPLICING CONNECTIONS

IDC Connections – “Jelly Beans”

These telephone connectors are used to splice or tap telephone wires together. They are moisture resistant to prevent corrosion. Designed for use on solid copper conductors.



Insert wires and squeeze with IDC tool.

Cat. No. 45-719



Cat. No. 85-925



Cat. No. 85-900



Cat. No. 85-950

3 Wire Butt Splice

Splices or taps up to three wires 19-26 AWG. Used to splice telephone wires together to run an extension to another phone.

2 Wire Tap Splice

Taps a telephone wire 22-26 AWG. Used to splice telephone wires together to run an extension to another phone. Unique groove allows the installer to Tap the line without cutting or disrupting the service.

2 Wire Butt Splice

Splices two wires together 22-26 AWG. Used to connect broken or cut telephone wires back together.

Connector Termination Instructions

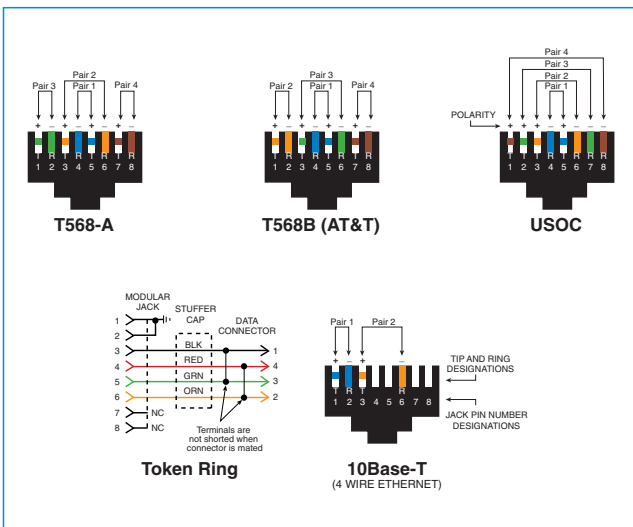
Fiber Optic Color Codes

| Fiber # | Color |
|---------|--------|
| 1 | Blue |
| 2 | Orange |
| 3 | Green |
| 4 | Brown |
| 5 | Slate |
| 6 | White |
| 7 | Red |
| 8 | Black |
| 9 | Yellow |
| 10 | Violet |
| 11 | Rose |
| 12 | Aqua |

TIA/EIA-606 Standards

| Color | Description |
|--------|--|
| Orange | Demarcation point |
| Green | Network connections on customer's side |
| Purple | Common equipment |
| White | 1st level backbone |
| Gray | 2nd level backbone |
| Blue | Horizontal cabling (closet end only) |
| Brown | Interbuilding backbone |
| Yellow | Auxiliary circuits |
| Red | Key telephone systems |

Wiring Configurations for Modular Plugs

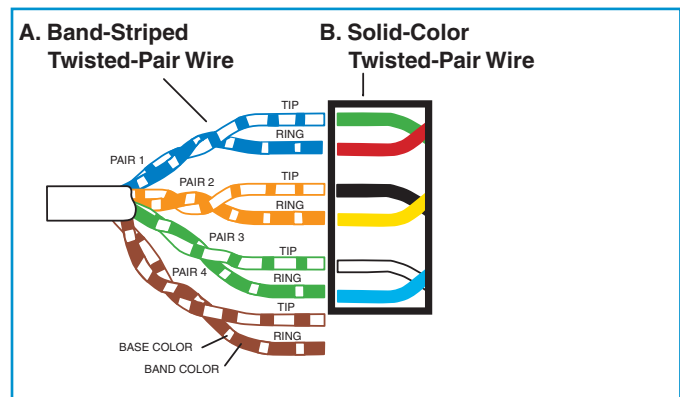


Note: Diagrams reflect flat surface of modular plug facing up, with tab side down.

25-Pair Color Codes

| Color | | Description | Color | | Description |
|---------|---|--------------|---------|---|---------------|
| Pair 1 | T | White/Blue | Pair 14 | T | Black/Brown |
| | R | Blue | | R | Brown |
| Pair 2 | T | White/Orange | Pair 15 | T | Black/Slate |
| | R | Orange | | R | Slate |
| Pair 3 | T | White/Green | Pair 16 | T | Yellow/Blue |
| | R | Green | | R | Blue |
| Pair 4 | T | White/Brown | Pair 17 | T | Yellow/Orange |
| | R | Brown | | R | Orange |
| Pair 5 | T | White/Slate | Pair 18 | T | Yellow/Green |
| | R | Slate | | R | Green |
| Pair 6 | T | Red/Blue | Pair 19 | T | Yellow/Brown |
| | R | Blue | | R | Brown |
| Pair 7 | T | Red/Orange | Pair 20 | T | Yellow/Slate |
| | R | Orange | | R | Slate |
| Pair 8 | T | Red/Green | Pair 21 | T | Violet/Blue |
| | R | Green | | R | Blue |
| Pair 9 | T | Red/Brown | Pair 22 | T | Violet/Orange |
| | R | Brown | | R | Orange |
| Pair 10 | T | Red/Slate | Pair 23 | T | Violet/Green |
| | R | Slate | | R | Green |
| Pair 11 | T | Black/Blue | Pair 24 | T | Violet/Brown |
| | R | Blue | | R | Brown |
| Pair 12 | T | Black/Orange | Pair 25 | T | Violet/Slate |
| | R | Orange | | R | Slate |
| Pair 13 | T | Black/Green | | | |
| | R | Green | | | |

Wire Color Codes



Standard 4-Pair Wiring Color Codes

| | | |
|--------|---|--------------|
| PAIR 1 | T | White/Blue |
| | R | Blue |
| PAIR 2 | T | White/Orange |
| | R | Orange |
| PAIR 3 | T | White/Green |
| | R | Green |
| PAIR 4 | T | White/Brown |
| | R | Brown |

Note: For 6-wire jacks use pair 1, 2 and 3 color codes. For 4-wire jacks use pair 1 and 2 color codes.

Technical Information



Data T[®]-Cutter (45-074)

- Maintains cable geometry for better cable performance
- Cuts multi-pair cable up to .500 in. (12.7mm) and coaxial cable up to RG-9/U
- Suitable for soft cables



Mini Compression Connectors (89-014SM, 89-014SMRCA)

- For use with most 21 - 25 AWG mini coax cable
- Nickel plated corrosion resistant body
- Mini RCA head is gold plated for superior contact performance
- Bandwidth is 5 Mhz - 3 GHz, Impedance is 75 Ohms (nominal), return loss min. -30 dB @ 3GHz



OmniSeal[™] Pro Compression Tool (30-603)

- Compresses F-type, Mini F-type, RCA and Mini RCA connectors
- Adjustable
- Factory pre-set to work with ALL IDEAL compression connectors and most major manufacturer's RG-59, RG-6, RG-6 Quad and RG-11 connectors

Coax/UTP Stripper (45-603)

- Features two active strip cartridges for all RG59, RG6, RG6 Quad and UTP cables
- Push on ring for easy cable into connector insertion
- Rotates easily around finger
- No blade depth adjustments required



OmniSeal[™] Compression Pro XL Tools (30-793)

- Compresses F-type, Mini F-type, RCA, Mini RCA and BNC connectors
- Adjustable
- Factory pre-set to work with ALL IDEAL compression connectors and most major manufacturer's RG-59, RG-6, RG-6 Quad and RG-11 connectors

2.3GHz Satellite/Digital TV Splitter (85-332, 85-333, 85-334)

- Splits signal up to 2.3 GHz required for good satellite TV performance
- Has power pass capability required for satellite TV installations
- Corrosion resistant – can use outside or inside
- Splitters also available for Digital and Analog TV (85-132, 85-133, 85-134)
- CATV Cable Splitter (85-032, 85-033, 85-034)

Universal Coax Compression Connectors

- One connector for all cable types within a given RG series



Plenum
RG-6
(89-060P)



Universal
RG-6
(89-060)



Universal
RG-59
(89-059)



Universal
RG-11
(89-011)

Residential Coax Application Guide

F/BNC Connector Tool (35-046)

- New and improved
- One tool works on F & BNC crimp and compression connectors
- Eliminates finger/hand fatigue attaching and detaching connectors to equipment

LinkMaster™ PRO XL (33-880)

- Tests for wiremap, miswires, opens, shorts, reversals, and split pairs
- Blinks the hub
- Tests up to 8 jacks/locations with 8 different remotes
- Measures length
- Easy to read backlit LCD screen

VDV MultiMedia Cable Tester (33-856)

- One tester for video (F-Connector), data (RJ-45) and voice (RJ-11, 12) applications
- Tests for wiremap, miswires, opens, shorts, reversals, and split pairs



Economy Compression Kit (33-620)

- Great for starting out with compression technology
- Everything you need to terminate a coax compression connector
 - Data T®-Cutter (45-074)
 - 2-Step Stripper (45-526)
 - Economy Compression Tool (30-633)
 - 10 RG-59 Compression Connectors (89-054)
 - 10 RG-6 Quad Shield Compression Connectors (89-056)
 - 20 RG-6 Compression Connectors (89-055)

Compression Coax F-Connectors



RG-6 Connector (89-055)



RG-6 Quad Shield Connector (89-056)



RG-59 Connector (89-054)



| Item | Page |
|--|-----------------------------------|
| 110 Turn-Lock™ Blade..... | A-7, B-10 |
| 110/66 combo blade w/cutting edges | A-5, A-6, A-8, B-11, B-9 |
| 4-Way Indent Crimp Tool | B-4 |
| 5-in-1 Screwdriver/Nutdriver | A-8 |
| 66 Turn-Lock™ Blade | A-5, A-7, A-8, B-10, B-11 |
| 8-Way Digital Cable Splitter | B-8 |
| A | |
| ABS™ Signal Thrower™ | A-7, B-10, D-9 |
| ABS™ Tester | A-7, B-10, D-9 |
| ABS™ Tester & ABS™ Signal Thrower™ Kit | D-9 |
| Adapters, Modular | D-9 |
| Amplifier Probe | A-6, A-7, A-8, B-9, B-11, D-9 |
| Amplifier Probe and Tone Generator Kit | D-9 |
| B | |
| Basic Data and Video Kit | A-5, B-9 |
| Bix® blade..... | A-5 |
| BNC Coaxial Connectors..... | B-12 |
| BNC Compression Connectors..... | B-7, B-10 |
| BNC/TNC & F-Series Connector Removal Tools | B-12 |
| C | |
| Cable Cutter | A-8 |
| Cable Service Kit | A-7 |
| Cable Service/Termination Kit | A-7, B-10 |
| Cable Splicing Kit..... | A-3 |
| Cable Splicing Knife & Leather Holder | A-3, A-8, B-11 |
| Cable Strippers..... | C-3 |
| Cable TV Splitters..... | B-8 |
| Cable, CAT 5e..... | A-10 |
| CAT 5e Cable | A-10 |
| CAT 6 Modular Plugs | A-10 |
| CATV Wallplates | A-9, B-9 |
| Center Conductor Cutter | A-2, A-7, B-3, B-10 |
| CMP Compression Connectors..... | B-7, B-10 |
| Coax Connector Kit | B-7 |
| Coax Connector Tool | A-6, A-8, B-7, B-9, B-11 |
| Coax Strip and Crimp Tool..... | B-4 |
| Coax Strip and Crimp Tool Kit..... | B-4 |
| Coax Stripmaster® Wire Stripper | B-3, B-9, B-10 |
| Coax Stripper | A-6, A-7, A-8, B-3, B-9B-10, B-11 |
| Coax/Twisted Pair Termination Kit | B-10 |
| Coax/UTP Cable Stripper | A-2, B-3 |
| Coaxial Connectors, BNC | B-12 |
| Coaxial Selection Chart..... | B-2 |
| Compression Connector Installation Kit..... | B-9 |
| Compression Connectors, BNC..... | B-7 |
| Compression Connectors, CMP | B-7 |
| Compression Connectors, Universal..... | B-7 |
| Compression F-Connector Port Seals..... | B-7 |
| Compression Kit, Economy | B-10 |

| Item | Page |
|---|---|
| Compression Kit, Residential | B-10 |
| Compression Kit, Service..... | B-10 |
| Compression Tool..... | B-5 |
| Compression Tool Kit, Economy..... | B-6 |
| Compression Tool, OmniSeal™ Pro XL | B-6 |
| Compression Tool, OmniSeal™ Pro | B-6 |
| Compression Tool, Economy..... | B-6, B-9, B-10 |
| Compression Tools, OmniSeal™ | B-5, B-6 |
| Compression Tools, OmniSeal™ Pro | B-5 |
| Compression, Mini F-Connectors | B-7 |
| Compression, Mini RCA Connectors | B-7 |
| Connector Kit, Coax | B-7 |
| Connector Removal Tools, BNC/TNC & F-Series..... | B-12 |
| Connector Tool, Coax | B-7 |
| Connector, F-Series Coaxial Crimp | B-5 |
| Connector, F-Series Coaxial Twist | B-5 |
| Connectors, BNC Coaxial | B-12 |
| Connectors, BNC Compression | B-7, B-10 |
| Connectors, CMP Compression | B-7 |
| Connectors, Mini Compression F..... | B-7 |
| Connectors, Mini Compression RCA | B-7 |
| Connectors, Push-On F..... | B-7 |
| Connectors, Universal Compression | B-7, B-10 |
| Crimp Connector, F-Series Coaxial | B-5, B-9 |
| Crimp Tool, 4-Way Indent..... | B-4 |
| Crimp Tool, Crimpmaster™ | A-4, A-6, A-7, B-4, B-5, B-9, B-10 |
| Crimpaster™ Crimp Tool..... | A-4 |
| Crimpmaster™ 10Base-T RJ-45 Crimping Kit | A-6 |
| Crimpmaster™ Crimp Tool | B-4, B-5 |
| Crimpmaster™ Twisted Pair Kit..... | A-6 |
| Crimpomaster™ F-Type (CATV) Connectors Kit | B-9 |
| Cutter II, Data T™ | A-2 |
| Cutter, Center Conductor..... | A-2, B-3 |
| Cutter, Data T™..... | A-2, B-3 |
| Cutter, Data T™-II | B-3 |
| Cutter, Economy Round Cable and Wire | A-2 |
| Cutter, Serrated with Breaker Notch | C-2 |
| Cyclops® Data Cable Stripper..... | A-3 |
| D | |
| Data T™- Cutter..... | A-2, A-5, A-6, A-7, A-8, B-3, B-9, B-10, B-11 |
| Data T™-Cutter II | A-2, B-3 |
| Data/Video Kit | A-6, B-9 |
| Delux Cable Service Kit | A-7 |
| Die Sets, Crimpmaster™ | A-4 |
| Die Sets, Crimpmaster™ Replacement for Modular Plugs..... | A-4 |
| Die Sets, Crimpmaster™ Replacement for Modular Plugs..... | A-4, A-6, A-7, B-10 |
| Digital Cable and Sattelite Splitters..... | B-8 |
| Digital Cable, 8-Way Splitter | B-8 |
| Diplexer..... | B-8 |
| D-Sub/Double-D Service Tool | A-4 |

| Item | Page |
|---|-------------------------------|
| DualScribe™ Double-Ended Fiber Optic Scribes | C-3 |
| E | |
| Economy 10Base-T Kit | A-6 |
| Economy CATV Compression Kit..... | B-9 |
| Economy Coax Cable Stripper | A-5, B-3, B-9, B-11 |
| Economy Coax Cable Stripper Kit | B-3 |
| Economy Compression Kit | B-10 |
| Economy Compression Tool | A-5, B-5, B-6 |
| Economy Compression Tool Kit..... | B-5, B-6 |
| Economy Data and CATV Kit | B-9 |
| Economy Dund Cable and Wire Cutter | A-2 |
| Electrician's Scissors..... | A-3 |
| Electrician's Scissors w/ Stripping Notches..... | A-3, A-6, A-7, A-8, B-9, B-10 |
| F | |
| Female Adapter, F-Series..... | B-5 |
| Fiber Inspection Microscope | C-4 |
| Fiber Optic, Split-Tip Swabs | C-3 |
| Fiberglass Handeld Hammer..... | A-8 |
| FIBERTEK™ Advanced Fiber Test Options | D-6 |
| F-Series & BNC/TNC Connector Removal Tools..... | B-12 |
| F-Series Coaxial Crimp Connectors | B-5 |
| F-Series Coaxial Twist Connector | B-5 |
| G | |
| Grounding Block..... | B-8 |
| I | |
| In Wall Speaker Wire..... | A-10 |
| Installer's Kit | A-8 |
| Insulation Displacement Connectors | A-10 |
| J | |
| Jab Saw..... | A-8, B-11 |
| Jacket Stripper, Simplex/Duplex 3mm | C-2 |
| Journeyman's Electrician's Tote™ | A-5, A-7, B-9 |
| K | |
| Kit, ABS™ Tester and ABS™ Signal Thrower™ | D-9 |
| Kit, Amplifier Probe and Tone Generator..... | D-9 |
| Kit, Basic Data and Video | A-5, B-9 |
| Kit, Cable Service..... | A-7 |
| Kit, Cable Service/Termination..... | A-7, B-10 |
| Kit, Cable Splicing | A-3 |
| Kit, Coax Connector | B-7 |
| Kit, Coax Strip and Crimp Tool | B-4 |
| Kit, Coax/Twisted Pair Termination | B-10 |
| Kit, Compression Connector Installation | B-9 |
| Kit, Crimpmaster™ 10Base-T RJ-45 Crimping Kit | A-6 |
| Kit, Crimpmaster™ F-Type (CATV) Connectors..... | B-9 |
| Kit, Crimpmaster™ Twisted Pair | A-6 |
| Kit, Data/Video..... | A-6, B-9 |

| Item | Page |
|---|--|
| Kit, Delux Cable Service..... | A-7 |
| Kit, Economy 10Base-T..... | A-6 |
| Kit, Economy CATV Compression | B-9 |
| Kit, Economy Coax Cable Stripper | B-3 |
| Kit, Economy Compression | B-10 |
| Kit, Economy Compression Tool | B-5, B-6 |
| Kit, Economy Data and CATV | A-5, B-9 |
| Kit, Installer's..... | A-8 |
| Kit, Modular Plug Tool..... | A-4 |
| Kit, Pro Installer's | A-8, B-11 |
| Kit, Residential Compression | B-10 |
| Kit, RG-6 Push-On Connector | B-11 |
| Kit, RJ-45/11 Two, Four and Eight-Position Combination TelCom Termination | A-6 |
| Kit, Service Compression..... | B-10 |
| Kit, Technician's Service | A-8 |
| Kit, Twisted Pair/Coax Termination | A-7, B-10 |
| Knife Leather Holder | A-3 |
| Krone® blade..... | A-5 |
| L | |
| LANTEK® Cable Certification Testers..... | D-4 |
| LANTEK® Cable Certification Testers..... | D-5 |
| Large Mouth Bag | A-6, A-8, B-9, B-11 |
| Leather Scissors Holder | A-3 |
| Lever™ -Snips Electrician's Scissors w/ Stripping Notches | A-3, A-8, B-11 |
| LinkMaster™ PRO Tester | D-8 |
| LinkMaster™ PRO XL Tester | D-8 |
| LinkMaster™ Tester..... | A-7, B-10, D-7 |
| Lite-Strip™ Optical Fiber Stripper | C-2 |
| M | |
| Mag-Tape™ Tape Measure | A-8, B-11 |
| Mechanic's Bag | A-5, B-9 |
| Microscope, Fiber Inspection..... | C-4 |
| Mini Coax Stripper | B-3 |
| Mini Compression F-Connectors..... | B-7 |
| Mini Compression RCA Connectors..... | B-7 |
| Mini-Lite Strip™ Optical Fiber Stripper | C-2 |
| Modular Adapters | D-9 |
| Modular Plug Replacement Die Sets for Crimpmaster™ | A-4 |
| Modular Plug Tool Kit | A-4 |
| Modular Plugs..... | A-10 |
| Modular Plugs, CAT 5 | A-10 |
| N | |
| Non-Impact Punch Down Tool w/ Permanent non-cut Blade..... | A-5 |
| O | |
| OmniSeal™ Compression Tools..... | B-5, B-6 |
| OmniSeal™ Pro Compression Tools | B-5, B-6 |
| OmniSeal™ Pro XL Compression Tool | A-5, A-6, A-8, B-5, B-6, B-9, B-10, B-11 |
| P | |
| Plastic Polishing Fixture..... | C-3 |
| Plugs, Modular | A-10 |

| Item | Page |
|---|-------------------------------------|
| Polishing Films for Fiber Optic Connectors | C-3 |
| Polishing Films for Fiber Optic Connectors | C-3 |
| Polishing Fixture, Plastic | C-3 |
| Polishing Fixture, Stainless Steel for Optical Fiber ST® and SC Type Connectors | C-3 |
| Port Seals, Compression F-Connector | B-7 |
| Pro Installer's Kit | A-8, B-11 |
| Probe and Pic Spudger | A-6, A-7, A-8, B-9, B-11 |
| Punch Down Tool - body | A-5 |
| Punch Down Tool w/ 110 Blade | A-5, B-9 |
| Punch Down Tool w/ 66 Blade | A-5 |
| Punchmaster™ II Punch Down Tool Body | A-5 |
| Punchmaster™ II Punch Down Tool w/110 Blade | A-5, A-6, A-7, A-8, B-10, B-9, B-11 |
| Punchmaster™ II Punch Down Tool w/66 Blade | A-5, A-7, B-10 |
| Push-On Connector Kit, RG-6 | B-11 |
| Push-On F-Connectors | B-7 |
| R | |
| Ratchet Telemaster™ | A-4, A-8, B-11 |
| Replacement Blade for Coax Stripmaster® | B-3 |
| Replacement Blade for Round Cable Slitting and Ringing Tool | B-3 |
| Replacement Blades for UTP/STP/Coaxial Cable Stripper | B-4 |
| Replacement Cassette for Coax Stripper | B-3 |
| Replacement Die Set for Crimpmaster™ Crimp Tool | B-4, B-5 |
| Residential Compression Kit | B-10 |
| RG-6 Push-On Connector Kit | B-11 |
| RJ-45/11 Two, Four and Eight-Position Combination TelCom Termination Kit | A-6 |
| Round Cable Slitting and Ringing Tool | A-3, B-3 |
| S | |
| Sattelite and Digital Cable Splitters | B-8 |
| Scissors and Knife Leather Holder | A-3 |
| Scissors, Electrician's | A-3 |
| Scissors, Electrician's w/ Stripping Notches | A-3 |
| Scribes, DualScribe™ Double-Ended Fiber Optic | C-3 |
| SecuriTEST™ CCTV/Security Tester | D-7 |
| Serrated Cutter with Breaker Notch | C-2 |
| Service Compression Kit | B-10 |
| Signal Thrower™, ABS™ | D-9 |
| SIGNALTEK™ Cable Performance Tester | D-3 |
| SIGNALTEK™ FO Multimedia Qualification Tester | D-2 |
| Simplex/Duplex 3mm Jacket Stripper | C-2 |
| Smart-Grip™ Long Nose Pliers | A-8, B-11 |
| Smart-Grip™ Tongue and Groove Pliers | A-8, B-11 |
| Splitter, 8-Way Digital Cable | B-8 |
| Splitters, Cable TV | B-8 |

| Item | Page |
|--|--------------------------|
| Splitters, Sattelite and Digital Cable | B-8 |
| Split-Tip Fiber Optic Swabs | C-3 |
| Stainless Steel Polishing Fixture for Optical Fiber ST® and SC Type Connectors | C-3 |
| Stripmaster® Ribbon Fiber Jacket Stripper | C-2 |
| Stripper, Coax | B-3 |
| Stripper, Coax Stripmaster® Wire | B-3 |
| Stripper, Coax/UTP | A-2 |
| Stripper, Coax/UTP Cable | B-3 |
| Stripper, Cyclops® Data Cable | A-3 |
| Stripper, Economy Coax Cable | B-3 |
| Stripper, Lit-Strip™ Optical Fiber | C-2 |
| Stripper, Mini Coax | B-3 |
| Stripper, Mini-Lite Strip™ Optical Fiber | C-2 |
| Stripper, Simplex/Duplex 3mm Jacket | C-2 |
| Stripper, Stripmaster® Ribbon Fiber Jacket | C-2 |
| Stripper, Tele T® | A-2 |
| Stripper, Telephone Line Cord | A-2 |
| Stripper, Toggle® Coax | B-3 |
| Stripper, Underground Feeder Cable | A-2 |
| Stripper, UTP Cable | A-3 |
| Stripper, UTP/STP/Coaxial Cable | A-3 B-4 |
| Strippers, Cable | C-3 |
| Swabs, Split-Tip Fiber Optic | C-3 |
| T | |
| Technician's Service Kit | A-8 |
| Tele T®-Stripper | A-2 |
| Telemaster™ Telephone Tool | A-4, A-5, A-6, A-7, B-9 |
| Telemaster™ Tool Kit | A-4 |
| Telephone Line Cord Stripper | A-2 |
| Terminator, F-Series | B-5 |
| Tester, ABS™ | D-9 |
| Tester, FIBERTEK™ Advanced Fiber | D-6 |
| Tester, LANTEK® Cable Certification | D-4, D-5 |
| Tester, LinkMasterPRO XL | D-8 |
| Tester, LinkMaster™ | D-7 |
| Tester, LinkMaster™ PRO | D-8 |
| Tester, SecuriTEST™ CCTV/Security | D-7 |
| Tester, SIGNALTEK™ Cable Performance | D-3 |
| Tester, SIGNALTEK™ FO Multimedia Qualification | D-2 |
| Tester, TRACETEK™ Advanced Fiber | D-6 |
| Tester, VDV Multimedia Cable | D-7 |
| Toggle® Coax Stripper | B-3 |
| Tone Generator | A-7, A-8, B-11, D-9 |
| Tongue and Groove Pliers | A-8, B-11 |
| Torpedo Level | A-8, B-11 |
| TRACETEK™ Advanced Fiber Test Options | D-6 |
| TRACETone™ Tone Generator and Amplifier Probe | A-5, B-9, D-9 |
| Transparent Wire Stop | C-2 |
| Twist-A-Nut™ 7-in-1 Screwdriver | A-6, A-7, A-8, B-9, B-11 |

| Item | Page |
|--|---|
| Twisted Pair/Coax Termination Kit | A-7, B-10 |
| Twist Connector, F-Series Coaxial | B-5 |
| U | |
| Underground Feeder (UF) Cable Stripper | A-2, A-5 |
| Universal Compression Connectors | B-7 |
| UTP Cable Stripper | A-3, A-5, B-9 |
| UTP/STP/Coaxial Cable Stripper | B-4 |
| UTP/STP/Coaxial Cable Strippers | A-3, A-5, A-6, A-7, A-8, B-4, B-9, B-10, B-11 |
| V | |
| VDV Multimedia Cable Tester | A-5, A-6, B-9, D-7 |
| Visual Fault Finder | C-4 |
| W | |
| Wall Plates | A-9 |
| Wallplates, CATV | B-8 |
| Wire Stop, Transparent | C-2 |
| Wire, In Wall Speaker | A-10 |
| Z | |
| ZipKit™ Carrying Case | A-7 |
| ZipKit™ Carrying Case | B-10 |
| Zipper Pouch | B-9 |



| <u>Cat.</u> | <u>Page</u> | <u>Cat.</u> | <u>Page</u> | <u>Cat.</u> | <u>Page</u> | <u>Cat.</u> | <u>Page</u> | <u>Cat.</u> | <u>Page</u> |
|---------------|--|-------------|-------------------------------|--------------|---|--------------|----------------|-------------|-------------|
| 0012-00-0629 | D-4, D-5 | 33-625 | B-10 | 35-485 | A-5, A-6, A-7, A-8, B-9, B-10, B-11 | 62-200 | A-7, B-10, D-7 | 85-352 | A-6, A-10 |
| 0012-00-0642 | D-4, D-5 | 33-630 | B-10 | 35-487 | A-5, A-7, B-10 | 62-205 | A-8 | 85-353 | A-6, A-10 |
| 012-00-0656 | D-4, D-5 | 33-633 | B-5, B-6 | 35-491 | A-5 | 62-891 | D-7 | 85-366 | A-10 |
| 1019-00-0343 | D-4, D-5 | 33-651 | A-6 | 35-492 | A-5, B-9 | 6510-00-5000 | D-4, D-5 | 85-394 | A-6, A-10 |
| 1019-00-1105 | D-4, D-5 | 33-652 | A-6 | 35-493 | A-5 | 84-016 | B-5 | 85-396 | A-6, A-10 |
| 1019-00-1110 | D-4, D-5 | 33-700 | A-4 | 35-495 | A-5, A-7, B-10 | 84-017 | B-5 | 85-401 | A-10 |
| 1019-00-1114 | D-4, D-5 | 33-704 | A-6 | 35-497 | A-5, A-7, A-8, B-10, B-11 | 84-018 | B-5 | 85-402 | A-10 |
| 1019-00-1115 | D-4, D-5 | 33-705 | A-7 | 35-535 | A-5, B-9 | 84-030 | B-5 | 85-403 | A-10 |
| 12019-00-1112 | D-4, D-5 | 33-750 | A-6 | 35-905 | A-8 | 84-039 | B-5 | 85-480 | B-12 |
| 1219-00-1604 | D-4, D-5 | 33-825 | D-8 | 35-908 | A-6, A-7, A-8, B-9, B-11 | 85-016 | B-5, B-9 | 85-490 | B-12 |
| 1219-91-0003 | D-3 | 33-826 | D-8 | 4010-00-0136 | D-3 | 85-017 | B-5, B-9 | 85-491 | B-12 |
| 2112-27-0604 | D-4, D-5 | 33-835 | D-8 | 45-074 | A-2, A-5, A-6, A-7, A-8, B-3, B-9, B-10, B-11 | 85-030 | B-5 | 85-502 | B-12 |
| 2112-27-0605 | D-4, D-5 | 33-836 | D-8 | 45-075 | A-2, B-3 | 85-031 | B-5 | 85-512 | B-12 |
| 3010-12-0092 | D-4, D-5 | 33-852 | D-9 | 45-076 | A-2 | 85-032 | B-8 | 85-513 | B-12 |
| 3010-12-0096 | D-4, D-5 | 33-854 | D-9 | 45-144 | A-3, B-3 | 85-033 | B-8 | 85-515 | B-12 |
| 3010-70-0015 | D-4, D-5 | 33-856 | A-5, A-6, B-9, D-7 | 45-162 | A-3, B-4, C-3 | 85-034 | B-8 | 85-517 | B-12 |
| 30-426 | A-4 | 33-861 | A-7, B-10 | 45-163 | A-3, B-4, C-3 | 85-035 | B-5 | 85-545 | B-12 |
| 30-433 | B-4 | 33-862 | D-9 | 45-164 | A-3, B-4 | 85-036 | B-5 | 85-550 | B-12 |
| 30-433F | B-4 | 33-864 | D-9 | 45-165 | A-3, A-5, A-6, A-7, A-8, B-4, B-9, B-10, B-11 | 85-037 | B-5 | 85-553 | B-12 |
| 30-479 | B-4 | 33-869 | A-7, B-10 | 45-167 | A-3, A-5, B-9 | 85-038 | B-5 | 85-556 | B-12 |
| 30-481 | B-4 | 33-880 | D-8 | 45-234 | A-2 | 85-039 | B-5 | 85-575 | B-12 |
| 30-481 | B-5 | 33-881 | D-8 | 45-235 | A-2 | 85-053 | B-5 | 85-588 | B-12 |
| 30-482 | B-4, B-5 | 33-886 | D-8 | 45-262 | A-5, B-3, B-9, B-10 | 85-055 | B-7 | 85-590 | B-12 |
| 30-483 | B-4, B-5 | 33-887 | D-8 | 45-265 | B-3 | 85-057 | B-5 | 85-770 | A-10 |
| 30-485 | B-4, B-5 | 33-891 | D-7 | 45-282 | B-3 | 85-065 | B-11 | 85-780 | A-10 |
| 30-496 | A-4, A-5, A-6, A-7, B-9 | 33-915 | A-5, B-9 | 45-320 | A-5 | 85-066 | B-7 | 85-900 | A-10 |
| 30-497 | A-4 | 33-916 | A-5, B-9 | 45-320 | B-3, B-9, B-11 | 85-067 | B-7 | 85-925 | A-10 |
| 30-498 | A-4 | 33-917 | A-6, B-9 | 45-322 | C-4 | 85-132 | B-8 | 85-950 | A-10 |
| 30-499 | A-4 | 33-935 | A-8 | 45-332 | C-4 | 85-133 | B-8 | 85-960 | A-10 |
| 30-500 | B-4, B-5 | 33-945 | A-8, B-11 | 45-334 | C-4 | 85-134 | B-8 | 86-017 | B-5 |
| 30-502 | A-7, B-5, B-5, B-10 | 33-974 | D-3 | 45-335 | C-4 | 85-138 | B-8 | 86-030 | B-5 |
| 30-503 | B-4, B-5 | 33-981 | D-2 | 45-336 | C-4 | 85-200 | A-9, B-8 | 86-039 | B-5 |
| 30-506 | A-4, A-6, A-7, B-10 | 33-982 | D-2 | 45-337 | C-3 | 85-201 | A-9, B-8 | 86-132 | B-8 |
| 30-521 | A-4 | 33-983 | D-2 | 45-338 | C-3 | 85-204 | A-9, B-8 | 86-133 | B-8 |
| 30-522 | A-4, A-6, B-9 | 33-987 | D-2 | 45-339 | C-3 | 85-205 | A-9, B-8 | 86-134 | B-8 |
| 30-556 | A-4, A-6, A-7, B-10 | 35-042 | B-12 | 45-341 | C-3 | 85-206 | A-9 | 86-200 | A-9, B-8 |
| 30-559 | A-4, A-6, A-7, B-10 | 35-043 | B-12 | 45-342 | C-3 | 85-207 | A-9 | 86-201 | A-9, B-8 |
| 30-560 | A-4, A-6 | 35-046 | A-6, A-8, B-7, B-9, B-11 | 45-344 | C-2 | 85-208 | A-9 | 86-202 | A-9, B-8 |
| 30-570 | B-4, B-5 | 35-051 | A-2 | 45-349 | C-2 | 85-209 | A-9 | 86-203 | A-9, B-8 |
| 30-572 | B-4, B-5 | 35-060 | A-2, A-7, B-3, B-10 | 45-350 | C-2 | 85-212 | A-9 | 86-204 | A-9, B-8 |
| 30-573 | B-4, B-5 | 35-061 | A-8 | 45-352 | C-2 | 85-213 | A-9 | 86-205 | A-9, B-8 |
| 30-576 | B-4, B-5 | 35-087 | A-3, A-8, B-11 | 45-357 | C-3 | 85-214 | A-9 | 86-206 | A-9 |
| 30-577 | B-4, B-5 | 35-088 | A-3, A-6, A-7, A-8, B-9, B-10 | 45-358 | C-3 | 85-215 | A-9 | 86-207 | A-9 |
| 30-578 | B-4, B-5 | 35-089 | A-3 | 45-359 | C-3 | 85-217 | A-9 | 86-208 | A-9 |
| 30-579 | B-4, B-5 | 35-091 | A-3, A-8, B-11 | 45-360 | C-3 | 85-218 | A-9 | 86-209 | A-9 |
| 30-580 | B-4, B-5 | 35-092 | A-3 | 45-510 | B-3 | 85-219 | A-9 | 86-212 | A-9 |
| 30-581 | A-7, B-4, B-5, B-10 | 35-093 | A-3 | 45-513 | B-3 | 85-220 | A-9, B-8 | 86-213 | A-9 |
| 30-582 | B-4, B-5 | 35-094 | A-3 | 45-514 | A-3 | 85-222 | A-9, B-8 | 86-214 | A-9 |
| 30-586 | B-4, B-5 | 35-185 | A-5 | 45-519 | A-2 | 85-223 | A-9 | 86-215 | A-9 |
| 30-587 | B-4, B-5 | 35-205 | A-8, B-11 | 45-520 | A-7, B-3, B-10 | 85-225 | A-9 | 86-217 | A-9 |
| 30-591 | B-4, B-5 | 35-210 | A-8 | 45-521 | B-3 | 85-227 | A-9 | 86-218 | A-9 |
| 30-593 | B-4, B-5 | 35-238 | A-8, B-11 | 45-522 | B-3 | 85-229 | A-9 | 86-219 | A-9 |
| 30-594 | B-4, B-5 | 35-275 | A-8, B-11 | 45-523 | B-3 | 85-230 | A-9, B-8 | 86-220 | A-9 |
| 30-596 | B-4 | 35-3037 | A-8, B-11 | 45-524 | B-3 | 85-232 | A-9, B-8 | 86-222 | A-9, B-8 |
| 30-597 | B-4 | 35-3430 | A-8, B-11 | 45-526 | A-6, A-8, B-3, B-9, B-10, B-11 | 85-233 | A-9 | 86-223 | A-9 |
| 30-599 | B-4, B-5 | 35-402 | B-9 | 45-529 | B-3 | 85-234 | A-9, B-8 | 86-225 | A-9 |
| 30-603 | B-5, B-6 | 35-407 | A-5, A-6, A-8, B-9, B-11 | 45-603 | A-2, B-3 | 85-236 | A-9, B-8 | 86-227 | A-9 |
| 30-603 | B-6 | 35-410 | A-6, B-9 | 45-719 | A-8, B-11 | 85-237 | A-9 | 86-229 | A-9 |
| 30-633 | A-5, B-5, B-6, B-9, B-10 | 35-419 | A-7, B-10 | 6011-50-0029 | D-4, D-5 | 85-239 | A-9, B-8 | 86-230 | A-9, B-8 |
| 30-696 | A-4, A-8, B-11 | 35-420 | A-8, B-11 | 6011-50-0031 | D-4, D-5 | 85-241 | A-9, B-8 | 86-232 | A-9, B-8 |
| 30-703 | B-5, B-6 | 35-427 | A-8, B-11 | 62-096 | D-9 | 85-242 | A-9 | 86-233 | A-9 |
| 30-720 | B-5, B-6 | 35-430 | A-8 | 62-098 | D-9 | 85-244 | A-9 | 86-234 | A-9, B-8 |
| 30-793 | A-5, A-6, A-8, B-5, B-6, B-9, B-10, B-11 | 35-462 | A-5, A-7, B-9 | 62-140 | A-5, B-9, D-9 | 85-245 | A-9 | 86-235 | A-9, B-8 |
| 33-296 | A-4 | 35-465 | B-4 | 62-160 | A-7, A-8, B-11, D-9 | 85-246 | A-9 | 86-236 | A-9, B-8 |
| 33-320 | B-3, B-7, B-11 | 35-466 | B-4 | 62-164 | A-6, A-7, A-8, B-9, B-11, D-9 | 85-311 | B-8 | 86-237 | A-9 |
| 33-400 | B-9 | 35-468 | B-4 | 62-180 | A-7, B-10, D-9 | 85-323 | B-8 | 86-239 | A-9, B-8 |
| 33-505 | A-8 | 35-473 | A-6, A-7, A-8, B-9, B-11 | 62-184 | A-7, B-10, D-9 | 85-332 | B-8 | 86-241 | A-9, B-8 |
| 33-605 | A-7 | 35-478 | A-5 | 62-188 | D-9 | 85-333 | B-8 | 86-242 | A-9 |
| 33-620 | B-10 | 35-479 | A-5 | | | 85-334 | B-8 | 86-394 | A-10 |
| 33-621 | B-9 | 35-483 | A-5 | | | 85-344 | A-10 | 86-395 | A-10 |
| 33-623 | B-9 | | | | | 85-346 | A-6, A-10 | 86-396 | A-6 |
| | | | | | | 85-351 | A-6, A-10 | 86-396 | A-10 |

Catalog Number Index

| <u>Cat.</u> | <u>Page</u> | <u>Cat.</u> | <u>Page</u> | <u>Cat.</u> | <u>Page</u> | <u>Cat.</u> | <u>Page</u> |
|--------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 86-398 | A-10 | LB-3953 | B-3 | | | | |
| 86-401 | A-10 | LB-740 | B-3 | | | | |
| 86-402 | A-10 | LB-743 | B-3 | | | | |
| 86-403 | A-10 | TRACETEKMM | D-6 | | | | |
| 86-432 | B-8 | TRACETEKSM | D-6 | | | | |
| 86-433 | B-8 | VFF5 | C-4 | | | | |
| 86-502 | B-12 | | | | | | |
| 86-925 | A-10 | | | | | | |
| 86-950 | A-10 | | | | | | |
| 87-900 | A-10 | | | | | | |
| 87-925 | A-10 | | | | | | |
| 87-950 | A-10 | | | | | | |
| 89-011 | B-7 | | | | | | |
| 89-014SM | B-7 | | | | | | |
| 89-014SMRCA | B-7 | | | | | | |
| 89-015 | B-7, B-9 | | | | | | |
| 89-016 | B-7 | | | | | | |
| 89-026 | B-7, B-10 | | | | | | |
| 89-035 | B-7 | | | | | | |
| 89-054 | B-7, B-10 | | | | | | |
| 89-055 | B-7, B-10 | | | | | | |
| 89-056 | B-7, B-10 | | | | | | |
| 89-057 | B-7, B-10 | | | | | | |
| 89-058 | B-7, B-10 | | | | | | |
| 89-059 | B-7 | | | | | | |
| 89-060 | B-7, B-10 | | | | | | |
| 89-060P | B-7, B-10 | | | | | | |
| 89-104 | B-7 | | | | | | |
| 89-105 | B-7 | | | | | | |
| 89-106 | B-7 | | | | | | |
| 89-159 | B-7 | | | | | | |
| 89-160 | B-7 | | | | | | |
| 89-160P | B-7 | | | | | | |
| 89-165 | B-7 | | | | | | |
| 89-5057 | B-7 | | | | | | |
| 89-5058 | B-7 | | | | | | |
| FIBERTEKALLB | D-6 | | | | | | |
| FIBERTEKALLP | D-6 | | | | | | |
| FIBERTEKMMB | D-6 | | | | | | |
| FIBERTEKMMP | D-6 | | | | | | |
| FIBERTEKSMB | D-6 | | | | | | |
| H-3324 | D-8 | | | | | | |
| H-3412 | D-8 | | | | | | |
| IA-4868 | D-8 | | | | | | |
| K-7920 | D-3 | | | | | | |
| K-7921 | A-7, B-10 | | | | | | |
| L-5620 | C-2 | | | | | | |
| L-9225 | A-3, B-4, C-3 | | | | | | |
| L-9226 | A-3, B-4 | | | | | | |
| LA-3953 | B-10 | | | | | | |
| LA-4144 | D-9 | | | | | | |
| LA-4145 | D-9 | | | | | | |
| LA-4157 | D-8 | | | | | | |
| LA-4159 | D-8 | | | | | | |
| LA-4173 | D-8 | | | | | | |
| LA-4233 | D-8 | | | | | | |
| LA-4234 | D-8 | | | | | | |
| LA-4235 | D-8 | | | | | | |
| LANTEK6ABAS | D-4, D-5 | | | | | | |
| LANTEK6APREM | D-4, D-5 | | | | | | |
| LANTEK6ATRV | D-4, D-5 | | | | | | |
| LANTEK6B | D-4, D-5 | | | | | | |
| LANTEK7GBAS | D-4, D-5 | | | | | | |
| LANTEK7GPREM | D-4, D-5 | | | | | | |
| LANTEK7GTRV | D-4, D-5 | | | | | | |
| LB-1152 | C-2 | | | | | | |
| LB-1153 | C-2 | | | | | | |
| LB-1747 | A-4 | | | | | | |
| LB-1748 | A-3, B-3 | | | | | | |
| LB-2726 | B-3 | | | | | | |
| LB-2727 | B-3 | | | | | | |



DataComm Products and Equipment Catalog

www.idealindustries.com



IDEAL INDUSTRIES, INC.
Corporate Headquarters
Becker Place
Sycamore, IL 60178, USA
ph: 815-895-5181 • 800-435-0705 in USA
fax: 815-895-9470 • 800-533-4483 in USA
email: ideal@idealindustries.com

IDEAL INDUSTRIES, INC.
International Division
Becker Place
Sycamore, IL 60178, USA
ph: 815-895-1122
fax: 815-895-4800
email: ideal_international@idealindustries.com

IDEAL INDUSTRIES PUERTO RICO, INC.
PMB 196
405 Esmeralda, Suite 102
Guaynabo, Puerto Rico 00969, USA
ph: 787-412-7215
fax: 787-731-1128

IDEAL INDUSTRIES (CANADA), CORP.
33 Fuller Road
Ajax, Ontario L1S 2E1, Canada
ph: 905-683-3400 • 800-824-3325 in Canada
fax: 905-683-0209 • 800-263-3115 in Canada
email: ideal_canada@idealindustries.com

IDEAL INDUSTRIES (AUST) PTY. LTD.
Level 6
75-85 Elizabeth Street
Sydney NSW 2000 Australia
ph: 61300 765 800 • 61405 123 100 (mobile)
fax: 61300 765 801
email: ideal_australia@idealindustries.com

IDEAL INDUSTRIES (UK) LIMITED
225 Europa Boulevard, Gemini Business Park
Warrington, Cheshire, WA5 7TN, UK
ph: +44-(0) 1925 444446
fax: +44-(0) 1925 445501
email: ideal_uk@idealindustries.com

IDEAL INDUSTRIES GmbH
Gutenbergstrasse 10
85737 Ismaning, Germany
ph: +49-(0) 89 996860
fax: +49-(0) 89 99686111
email: ideal_germany@idealindustries.com



IDEAL INDUSTRIES CHINA, LLC
 Unit 911, Tower W1, The Towers, Oriental Plaza
 No. 1 East Chang An Avenue, Dong Cheng District
 Beijing, 100738, China
 ph: 86-10-8518-3141 • 86-10-8518-3142
 fax: 86-10-8518-3143.

Room 1401, Finance Square, 333 Jiujiang Road
 Shanghai, 2000001, China
 ph: 86-21-6360-7045
 fax: 86-21-6350-8891
 email: ideal_china@idealindustries.com

**IDEAL INDUSTRIES
 BRAZIL COMÉRCIO LTDA.**
 Av. Major Sylvio de Magalhães Padilha, 5200
 Bloco F, Cj 201 CEP - 05677-000 São Paulo -
 SP - Brazil
 ph: 55-11-3759-8777
 fax: 55-11-3759-8775
 email: ideal_brazil@idealindustries.com

IDEAL INDUSTRIES MEXICO, INC.
 Parque Intermex, Periferico Sur 7999 A
 Col. Santa Maria Tequepexpan
 Tlaquepaque, Jalisco, Mexico, c.p. 45601
 ph: 52-33-37702320 • 52-33-38097219 (mobile)
 fax: 52-33-37702300

CUSTOMER SERVICE 800-435-0705
 email: ideal@idealindustries.com

QUALITY HOTLINE 800-304-3578
 email: quality@idealindustries.com

TECHNICAL HOTLINE 800-338-4495
 email: techsupt@idealindustries.com



The way every job should be



IDEAL INDUSTRIES, INC.
Becker Place, Sycamore, IL 60178, USA / 815-895-5181 • 800-435-0705 in USA

International offices: Australia • Brazil • Canada • China • Germany • Mexico • UK
For complete sales office contact information, visit us at:

www.idealindustries.com

Rev. 11/07
Form No. P-435
Printed in USA
©2007 IDEAL INDUSTRIES, INC.



DataComm Products and Equipment Catalog



IDEAL DataComm

CUT

STRIP

TERMINATE

TEST

CERTIFY



The way
every job
should be



IDEAL DataComm is dedicated to helping low voltage/datacomm professionals keep networks up and running. The system of products we have thoughtfully crafted **ensures the highest-quality** terminations with the ease-of-use you would expect from IDEAL. Our DataComm line includes a system solution for paired conductor, coax and fiber optic cabling.

www.idealindustries.com

Paired Conductor Products



Wire Cutters A-2
Wire Strippers A-2
Crimp Tools A-4
Punch Down Tools A-5
Tool and Connector Kits A-5
Wall Plates A-9
Cables A-10
Connectors A-10

Coaxial Termination Products



Tool Selection Chart B-2
Wire Cutters B-3
Wire Strippers B-3
Crimp Tools B-4
Compression Tools B-6
Connectors B-7
Splitters B-8
Wall Plates B-8
Tool and Connector Kits B-9
BNC Coaxial Connectors B-12

Fiber Optic Products



Wire Strippers C-2
Fiber Optic Accessories C-3

Test Equipment



Qualification Testers D-2
Certification Testers D-4
Hand-Held Testers D-7

Related Products



Resources E-1
Multi Media Installation Guide E-3
Technical Information E-12
Residential Coax Application Guide E-13

Index



Alphabetical Index F-1
Catalog Number Index F-3

New Products



Grounding Block

- Solid zinc alloy, nickel plated and chromate finished
Page B-8



Mini Coax Stripper

- Adjustable stripper for mini coax cable
Page B-3

Compression Connector Installation Kit

- Three tools in one handy pouch that clips easily to your belt.
Page B-9



OmniSeal™ PRO Compression Tools

- Compression tools now offer additional features and increased connector compatibility
Page B-6



8-Way Splitter

- Designed for easy mounting over cable
Page B-8



Diplexer

- Combine or split cable/antenna signals with satellite signals
Page B-8

Push-on RG-59 & RG-6 Quad F-Connectors

- No termination tool needed, permanent connections
Page B-7



Coax/UTP Cable Stripper

- Strips UTP cable, RG-59 coax and RG-6 coax and features a primary and secondary strip cartridge
Page B-3



SecuriTEST™ CCTV/Security Tester

- Versatile all-in-one installation and troubleshooting tool for the CCTV professional
Page D-7

SIGNALTEK™-FO Multimedia Qualification Tester

- Offers copper and fiber optic testing
Page D-2



A



Paired Conductor Products

Data T[®]-Cutter

45-075



45-074

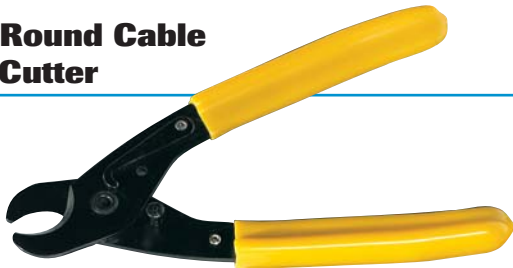


Cuts round communication and structured wiring cables and maintains cable geometry for better cable performance. Data T[®]-Cutter cuts multi-pair cable up to .500 in. (12.7 mm) and coaxial cable up to RG-9/U. Blade cutting capabilities suitable for soft cables (not ACSR).

- Steel reinforced center conductors can be trimmed with bolt cutting holes
- Data T[®]-Cutter II designed for RG-58 and RG-6 coaxial cable
- Cushioned comfort grip handles
- Locking latch keeps tool closed in pouch

| Description | Cat. No. |
|--------------------------------|----------|
| Data T [®] -Cutter | 45-074 |
| Data T [®] -Cutter II | 45-075 |

Economy Round Cable and Wire Cutter



Cuts multi-conductor cable up to .500 in. (12.7 mm) and solid or stranded wire up to #8 AWG (10 mm²).

- Built-in return spring, locking latch
- Soft handles for a comfortable grip
- Stamped, hardened steel frame with curved cutting blades

| Description | Cat. No. |
|--|----------|
| Multi Conductor Cable to .500 in. (12.7 mm) Solid or Stranded | 35-051 |

Underground Feeder (UF) Cable Stripper

Works great on Category Cable!

- Self-adjusting stripping blades automatically select proper position
- Strips 12 AWG solid to 14 AWG Underground Feeder (UF) Cable
- Strips Twin and Earth cable
- Open-throat construction allows unlimited strip length



45-235

| Description | Cat. No. |
|-----------------------------------|----------|
| Underground Feeder Cable Stripper | 45-235 |
| Replacement blade set | 45-234 |

Tele T[®]-Stripper

Strips and cuts flat telephone cable easily. Cuts outer insulation without nicking inner conductors.

- Built-in stripping guide for 8-position or 6-position modular plugs
- Spring-opening returns handles to place after every use
- Ergonomic, comfort-grip handles



| Description | Cat. No. |
|-------------------------------|----------|
| Tele T [®] -Stripper | 45-076 |

Telephone Line Cord Stripper

- Cuts and strips flat telephone cable for RJ-11 and RJ-45 modular plugs
- Built-in stripping guide provides correct strip lengths



| Description | Cat. No. |
|--|----------|
| Telephone Line Cord Stripper and Cutter for RJ-11 and RJ-45 Flat Telephone Cable | 45-519 |

Coax/UTP Cable Stripper

- Features a primary and secondary strip cartridge
- Strips UTP, RG-59 and RG-6 coax cable
- Rotates easily around finger
- Push-on ring for easy connector termination



| Description | Cat. No. |
|-------------------------|----------|
| Coax/UTP Cable Stripper | 45-603 |

Paired Conductor Products

Cyclops® Data Cable Stripper

Fast, easy removal of outer sheath insulations (PVC and Plenum types) from all Unshielded Twisted Pair (UTP), Shielded Twisted Pair (STP) and multicore cables up to .433 in./11 mm in diameter.



| Description | Cat. No. |
|--|----------|
| For Unshielded and Shielded Twisted Pair Cable | 45-514 |

UTP/STP/Coaxial Cable Strippers

- Adjustable blades can be set for any depth to help ensure nick-free strips



| Description | Typical RG Cables | Cat. No. |
|--|-------------------|----------------|
| Coaxial Cable Stripper, up to 1/8 in. (3.2mm) O.D. | RG-174, RG-187 | 45-162 (Gray) |
| Coaxial Cable Stripper, 1/8 in. (3.2mm) to 7/32 in. (5.556mm) O.D. | RG-58, Mini Coax | 45-163 (Blue) |
| Coaxial Cable Stripper, 1/4 in. (6.4mm) to 9/16 in. (14.3mm) O.D. | RG-11, RG-8 | 45-164 (Blue) |
| Cable Stripper, 3/16 in. (4.8mm) to 5/16 in. (8mm) O.D. | RG-59, UTP Cable | 45-165 (Black) |
| Replacement Blade Set* for 45-162, 45-163, 45-165 | — | L-9225 |
| Replacement Blade Set* for 45-164 | — | L-9226 |

*A set of blades consists of three straight blades and one round blade.

UTP Cable Stripper

- Strips Cat 3, 5, 5e & 6 cables
- One-step stripping



| Description | Cat. No. |
|--------------------|----------|
| UTP Cable Stripper | 45-167 |

Round Cable Slitting and Ringing Tool

- Great for large diameter structured wiring cables
- Cuts around cable jacket as well as slits the length of jacket for easy removal
- Use with single or multiple conductor cable up to 1.75 in. O.D.
- Blade adjusts for jacket thicknesses up to .125 in.
- Spare blade in handle base



| Description | Cat. No. |
|--|----------|
| Round Cable Slitting and Ringing Tool | 45-144 |
| Replacement Blades for 45-144 (2/pkg.) | LB-1748 |

Lever™ -Snips Electrician's Scissors with Stripping Notches

- Ergonomic design gives added leverage
- Spring-action, mechanical advantage increases stripping leverage and reduces operator fatigue
- Double plated for added rust protection
- Extra-deep serrations grip wire better



| Description | Cat. No. |
|---|----------|
| Electrician's Scissors with Stripping Notches | 35-087 |

Electrician's Scissors

- Designed for use in telephone and electrical service applications
- Cut up to 16 AWG solid and 12 AWG stranded wire
- Serrated surface on back blade edge cleans wire
- Electrician's Scissors with stripping notches strip 19 and 23 AWG wire



| Description | Cat. No. |
|--|----------|
| Electrician's Scissors w/stripping notches | 35-088 |
| Electrician's Scissors | 35-089 |

Cable Splicing Kit

- Cable Splicing Kit (Scissors, Splicing Knife, Leather Holder)
- Scissors and Knife Holder (Leather)



| Description | Cat. No. |
|---|----------|
| Cable Splicing Kit (Scissors, Splicing Knife, Leather Holder) | 35-093 |
| Scissors and Knife Holder (Leather) | 35-094 |

Cable Splicing Knife

- High carbon steel blade remains sharp and cuts easily through many insulation types
- Comfortable, full size, no slip handle for easy use



| Description | Cat. No. |
|---|----------|
| Cable Splicing Knife and Leather Holder | 35-091 |
| Knife Holder (Leather) | 35-092 |

Wire Strippers/Scissors

Ratchet Telemaster™

- For paired conductors
- Ratchet version of popular Telemaster™ Tool for RJ-45 and RJ-11 modular plugs
- Repeatabe crimp action for consistent, high quality connections



| Description | Cat. No. |
|---------------------|----------|
| Ratchet Telemaster™ | 30-696 |

Telemaster™ Telephone Tools

- For paired conductors
- Multi-function telephone tool cuts, strips and crimps for easy one-tool application
- Steel frame for long-term durability. (Crimps primary modular plug strain relief only)

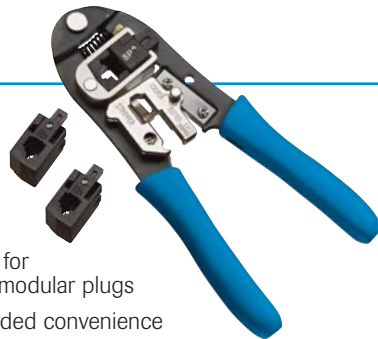


| Description | Kit Cat. No. | Tool Only Cat. No. |
|--|--------------|--------------------|
| Tool for RJ-11 (1, 2, 3 pair) and RJ-45 (4 pair) Plugs | 33-700* | 30-496 |
| Tool for RJ-45 (4 pair) & DECconnect MMJ (RJ-11, 3 pair) | N/A | 30-497 |
| Tool for RJ-11 (1, 2, 3 pair) & DECconnect MMJ (RJ-11, 3 pair) | N/A | 30-498 |
| Tool for RJ-22 (handset) and RJ-11 (1, 2, 3 pair) | N/A | 30-499 |
| Replacement Cut and Strip Blade Set for Telemaster™ | N/A | LB-1747 |

*Kit includes 10 each, RJ-45 8P8C, RJ-11 6P6C and RJ-45 6P4C plugs.

Modular Plug Tool Kit

- Multi-function telephone/network tool; cuts, strips and crimps
- Steel frame construction for durability
- Interchangeable dies allow for crimping RJ-45 and RJ-11 modular plugs
- Tool-less die change for added convenience
- Spring return handle for comfort



| Description | Cat. No. |
|------------------------|----------|
| Modular Plug Tool Kit* | 33-296 |

*Kit includes 10 each, RJ-45 8P8C and RJ-11 6P6C plugs.

D-Sub/Double-D Service Tool

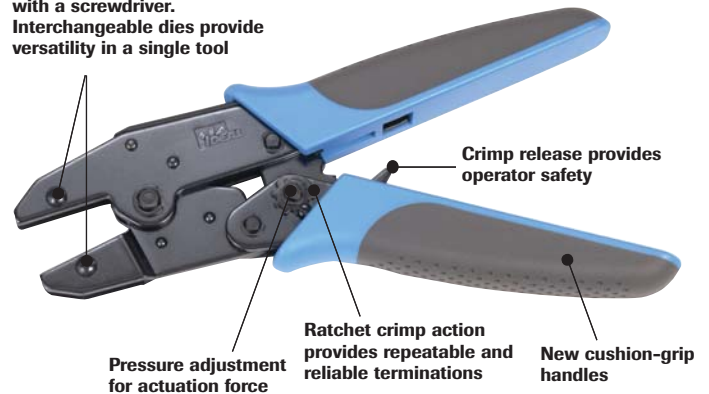
Exact replacement of the AMP open-barrel service tool for stamped contacts and D-Sub contacts. Also crimps Double-D, high density, miniature contacts. Includes openings for crimping insulated terminals and cutters for machine screws.



| Description | Cat. No. |
|-----------------------------|----------|
| D-Sub/Double-D Service Tool | 30-426 |

Crimpmaster™ Crimp Tools & Die Sets

Dies change quickly and easily with a screwdriver. Interchangeable dies provide versatility in a single tool

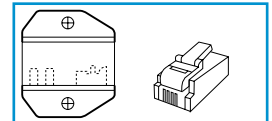


| Description | Tool Cat. No. | Replacement Die Set Cat. No. |
|--|---------------|------------------------------|
| Crimpmaster™ Crimp Tool Frame | 30-506 | — |
| RJ-45 Eight-position Crimp Tool for AMP RJ-45 modular plugs | 30-521 | 30-560 |
| RJ-45 Eight-position Crimp Tool for keyed or non-keyed modular plugs | 30-522 | 30-559 |
| RJ-11 Crimp Tool for two, four or six-position modular plugs | — | 30-556 |

Modular Plug Replacement Die Sets For Crimpmaster™ 30-506 Frame

30-556

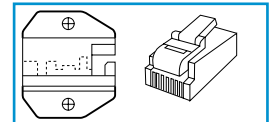
Crimpmaster™ RJ-11 die set for two, four or six-position modular plugs



30-559

Crimpmaster™ RJ-45 eight-position die set for keyed or non-keyed modular plugs (excluding AMP).

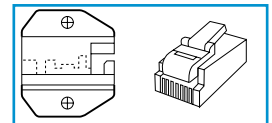
Tool w/die 30-522



30-560

Crimpmaster™ RJ-45 AMP die set for eight-position modular plugs. Primary strain relief crimp bar is located further back on die/modular plugs.

Tool w/die 30-521



Paired Conductor Products

Punch Down Tools



| Impact Turn-Lock™ Punch Down Tools | Cat. No. |
|---|----------|
| Punchmaster™ II Punch Down Tool - body only | 35-483 |
| Punchmaster™ II Punch Down Tool w/110 blade | 35-485 |
| Punchmaster™ II Punch Down Tool w/66 blade | 35-487 |
| Non-Impact Turn-Lock™ Punch Down Tools | Cat. No. |
| Punch Down Tool - body only | 35-491 |
| Punch Down Tool w/110 blade | 35-492 |
| Punch Down Tool w/66 blade | 35-493 |
| Economy Punch Down Tool | Cat. No. |
| Non-impact Tool w/permanent non-cut blade** | 35-185 |
| Removable Blades* | Cat. No. |
| 110 Turn-Lock™ blade | 35-495 |
| 66 Turn-Lock blade | 35-497 |
| 110/66 combo blade w/cutting edges | 35-407 |
| Krone® blade | 35-478 |
| Bix® blade | 35-479 |

*Not applicable for Economy Punch Down tool.

**35-185 is made in Taiwan.

Bix® is a registered trademark of Nortel. Krone® is a registered trademark of Krone, Inc.



Economy Data and CATV Kit



Kit 33-915 Includes:

| Description | Qty. | Cat. No. |
|--|------|----------|
| Data T®-Cutter | 1 | 45-074 |
| Economy Coax Stripper | 1 | 45-320 |
| Economy UTP Stripper | 1 | 45-167 |
| Non-Impact Turn-Lock™ Tool w/110 Blade | 1 | 35-492 |
| Telemaster™ Telephone Tool | 1 | 30-496 |
| Economy Compression Tool | 1 | 30-633 |
| Mechanics Bag | 1 | 35-535 |

Basic Data and Video Kit



Kit 33-916 Includes:

| Description | Qty. | Cat. No. |
|---|------|----------|
| Data T®-Cutter | 1 | 45-074 |
| UTP Stripper | 1 | 45-165 |
| Stripmaster® Wire Stripper for RG-6 | 1 | 45-262 |
| Punchmaster™ II Punch Down Tool w/110 Blade | 1 | 35-485 |
| OmniSeal™ Pro XL Compression Tool | 1 | 30-793 |
| TRACETone™ Tone Generator & Amplifier Probe | 1 | 62-140 |
| VDV Multimedia Cable Tester | 1 | 33-856 |
| Journeyman Electrician's Tote™ | 1 | 35-462 |

Punch Tools/Kits

Data/Video Kit



Kit 33-917 Includes:

| Description | Qty. | Cat. No. |
|---|------|----------|
| Data T [®] -Cutter | 1 | 45-074 |
| Twist-a-Nut™ 7-in-1 Screwdriver | 1 | 35-908 |
| UTP Stripper | 1 | 45-165 |
| Coax Stripper w/Replaceable Cartridge | 1 | 45-526 |
| Punchmaster™ II Punch Down Tool w/110 Blade | 1 | 35-485 |
| 110/66 Blade Combo Punch Down Blade | 1 | 35-407 |
| Crimpmaster™ Crimp Tool for RJ-45 Modular Plugs | 1 | 30-522 |
| OmniSeal™ Pro XL Compression Tool | 1 | 30-793 |
| Probe Pic and Spudger | 1 | 35-473 |
| Coax Connector Tool - F & BNC | 1 | 35-046 |
| VDV MultiMedia Cable Tester | 1 | 33-856 |
| Amplifier Probe | 1 | 62-164 |
| Electrician's Scissors w/Stripping Notch | 1 | 35-088 |
| Large Mouth Bag — 13 in. | 1 | 35-410 |

RJ-45/11 Two, Four, Six and Eight-Position Combination TelCom Termination Kit



Kit 33-704 Includes:

| Description | Qty. | Cat. No. |
|--|------|----------|
| Telemaster™ for RJ-11/RJ-45 Plugs | 1 | 30-496 |
| 4-Position, RJ-11 Stranded Modular Plugs | 15 | 85-351 |
| 6-Position, RJ-11 Stranded Modular Plugs | 15 | 85-352 |
| 8-Position, RJ-45 Stranded Modular Plugs | 15 | 85-353 |

Economy 10Base-T Kit



Kit 33-750 Includes:

| Description | Qty. | Cat. No. |
|--|------|----------|
| UTP/Coax Stripper | 1 | 45-165 |
| Telemaster™ RJ-11/RJ-45 Crimp Tool | 1 | 30-496 |
| 8-Position RJ-45 Non-keyed Solid Plugs | 50 | 85-346 |

Crimpmaster™ Twisted Pair Kit



Kit 33-651 Includes:

| Description | Qty. | Cat. No. |
|--|------|----------|
| Data T [®] -Cutter | 1 | 45-074 |
| UTP/Coax Stripper | 1 | 45-165 |
| Crimpmaster™ Frame Only | 1 | 30-506 |
| 2,4,6-Position Die Set for RJ-11 Plugs | 1 | 30-556 |
| 8-Position Die Set for RJ-45 Plugs | 1 | 30-559 |
| 8-Position Die Set for RJ-45, AMP Plugs | 1 | 30-560 |
| 4-Position Solid Modular Plugs | 50 | 85-394 |
| 8-Position RJ-45 Non-Keyed Solid Modular Plugs | 50 | 85-396 |

Crimpmaster™ 10Base-T RJ-45 Crimping Kit



Kit 33-652 Includes:

| Description | Qty. | Cat. No. |
|--|------|----------|
| Data T [®] -Cutter | 1 | 45-074 |
| UTP/Coax Stripper | 1 | 45-165 |
| Crimpmaster™ Crimp Tool Frame only | 1 | 30-506 |
| 8-Position Die Set for RJ-45 Plugs | 1 | 30-559 |
| 8-Position RJ-45 Non-Keyed Solid Plugs | 200 | 86-396 |

Paired Conductor Products

Cable Service Kit



Kit 33-605 Includes:

| Description | Qty. | Cat. No. |
|--|------|----------|
| Punchmaster™ Punch Down Tool w/110 Blade | 1 | 35-485 |
| 66 Blade Only | 1 | 35-497 |
| Electrician's Scissors w/Stripping Notches | 1 | 35-088 |
| UTP/STP Stripper | 1 | 45-165 |
| 7-in-1 Twist-a-Nut™ Screwdriver | 1 | 35-908 |
| Probe Pic & Spudger | 1 | 35-473 |
| Tone Generator | 1 | 62-160 |
| Amplifier Probe | 1 | 62-164 |
| Journeyman's Electrician's Tote™ | 1 | 35-462 |

Deluxe Cable Service Kit



Kit 33-705 Includes:

| Description | Qty. | Cat. No. |
|---|------|----------|
| Punchmaster™ II Punch Down Tool w/110 Blade | 1 | 35-485 |
| 66 Blade Only | 1 | 35-497 |
| Electrician's Scissors w/Stripping Notches | 1 | 35-088 |
| UTP/STP Stripper | 1 | 45-165 |
| 7-in-1 Twist-a-Nut™ Screwdriver | 1 | 35-908 |
| Probe Pic & Spudger | 1 | 35-473 |
| Tone Generator | 1 | 62-160 |
| Amplifier Probe | 1 | 62-164 |
| Journeyman's Electrician's Tote™ | 1 | 35-462 |
| Telemaster™ Telephone Tool, RJ-11/RJ-45 | 1 | 30-496 |
| LinkMaster™ Tester and Remote | 1 | 62-200 |

Cable Service/Termination Kit



Kit 33-861 Includes:

| Description | Qty. | Cat. No. |
|--|------|----------|
| Data T [®] -Cutter | 1 | 45-074 |
| Center Conductor Cutter | 1 | 35-060 |
| UTP/Coax Stripper | 1 | 45-165 |
| Coax Stripper w/black cassette | 1 | 45-520 |
| Crimpmaster™ RG-58/59 Crimp Tool | 1 | 30-502 |
| 2, 4, 6-Position Die Set for RJ-11 Plugs | 1 | 30-556 |
| 8-Position Die Set for RJ-45 Plugs | 1 | 30-559 |
| Punchmaster™ II Punch Down Tool w/66 Blade | 1 | 35-487 |
| Punchmaster™ II 110 Blade only | 1 | 35-495 |
| ABS™ Signal Thrower™ | 1 | 62-184 |
| ABS™ Tester | 1 | 62-180 |
| LinkMaster™ Tester w/Remote | 1 | 62-200 |
| Cable Assemblies | 1 | K-7921 |

Twisted Pair/Coax Termination Kit



Kit 33-869 Includes:

| Description | Qty. | Cat. No. |
|--|------|----------|
| Data T [®] -Cutter | 1 | 45-074 |
| Scissors w/Stripping Notch | 1 | 35-088 |
| Center Conductor Cutter | 1 | 35-060 |
| UTP/Coax Stripper | 1 | 45-165 |
| Coax Stripper w/Black Cassette | 1 | 45-520 |
| Crimpmaster™ Frame Only | 1 | 30-506 |
| 2,4,6-Position Die Set for RJ-11 Plugs | 1 | 30-556 |
| 8-Position Die Set for RJ-45 Plugs | 1 | 30-559 |
| RG-58/59/62 BNC Die Set | 1 | 30-581 |
| Punchmaster™ II w/110 Blade | 1 | 35-485 |
| Punchmaster™ II 66 Blade Only | 1 | 35-497 |
| ABS™ Signal Thrower™ | 1 | 62-184 |
| ABS™ Tester | 1 | 62-180 |
| ZipKit™ Carrying Case | 1 | 35-419 |

Kits

Technician's Service Kit



Now includes
7-in-1
Screwdriver

Kit 33-505 Includes:

| Description | Qty. | Cat. No. |
|---|------|----------|
| Punchmaster™ II Punch Down Tool w/110 Blade | 1 | 35-485 |
| Punchmaster™ II 66 Blade only | 1 | 35-497 |
| Electrician's Scissors w/stripping notches | 1 | 35-088 |
| UTP/STP Stripper | 1 | 45-165 |
| 7-in-1 Twist-a-Nut™ Screwdriver/Nutdriver | 1 | 35-908 |
| Probe Pick and Spudger | 1 | 35-473 |
| Nylon case | 1 | 62-205 |

Installer's Kit



Kit 33-935 Includes:

| Description | Qty. | Cat. No. |
|--|------|----------|
| UTP/STP Stripper | 1 | 45-165 |
| Data T [®] -Cutter | 1 | 45-074 |
| Jab Saw | 1 | 35-275 |
| Large Mouth Bag – 18 in. | 1 | 35-427 |
| Punchmaster™ II 110 Blade only | 1 | 35-485 |
| 110/66 Blade | 1 | 35-407 |
| Electrician's Scissors w/stripping notches | 1 | 35-088 |
| Torpedo Level | 1 | 35-205 |
| Mag-Tape™ Tape Measure | 1 | 35-238 |
| Tongue & Groove Pliers – 10 in. | 1 | 35-430 |
| 5-in-1 Screwdriver/Nutdriver | 1 | 35-905 |
| Probe Pic and Spudger | 1 | 35-473 |
| Cable Cutter | 1 | 35-061 |
| Hammer – 18 oz. x 12-1/2 in. | 1 | 35-210 |

Pro Installer's Kit



Kit 33-945 Includes:

| Description | Qty. | Cat. No. |
|---|------|----------|
| Large Mouth Bag – 18 in. | 1 | 35-427 |
| 110/66 Blade | 1 | 35-407 |
| 66 Blade only | 1 | 35-497 |
| Punchmaster™ II 110 Blade only | 1 | 35-485 |
| Lever™-Snips Electrician's Scissors | 1 | 35-087 |
| Probe Pic and Spudger | 1 | 35-473 |
| UTP/STP Stripper | 1 | 45-165 |
| 7-in-1 Twist-a-Nut™ Screwdriver/Nutdriver | 1 | 35-908 |
| Mag-Tape™ Tape Measure | 1 | 35-238 |
| Torpedo Level | 1 | 35-205 |
| Jab Saw | 1 | 35-275 |
| OmniSeal™ Pro XL Compression Tool | 1 | 30-793 |
| Coax Stripper - 2-Step | 1 | 45-526 |
| Smart-Grip™ Long-Nose Pliers – 7-3/4 in. | 1 | 35-3037 |
| Smart-Grip™ Tongue & Groove Pliers – 10 in. | 1 | 35-3430 |
| Tongue & Groove Pliers – 9-1/2 in. | 1 | 35-420 |
| Tone Generator | 1 | 62-160 |
| Amplifier Probe | 1 | 62-164 |
| Data T [®] -Cutter | 1 | 45-074 |
| Cable Splicing Knife w/holder | 1 | 35-091 |
| Ratchet Telemaster™, RJ-11/RJ-45 | 1 | 30-696 |
| F-Connector Tool | 1 | 35-046 |

Paired Conductor Products

Wall Plates



Telephone Wall Plates are listed and approved by the Underwriter's Laboratories and contain 50 micro inches of gold plating on the contacts.

Telephone Wall Plates - Standard Size (2-3/4 in. x 4-1/5 in.)

| Description | Color | Qty. | Cat. No. |
|------------------------------------|--------|------------|---------------|
| RJ-11, 2 Pair | Ivory | Card of 1 | 85-206 |
| | | Box of 100 | 86-206 |
| | White | Card of 1 | 85-207 |
| | | Box of 100 | 86-207 |
| | Almond | Card of 1 | 85-223 |
| | | Box of 100 | 86-223 |
| Dual RJ-11, 2 Pair | Ivory | Card of 1 | 85-208 |
| | | Box of 100 | 86-208 |
| | White | Card of 1 | 85-209 |
| | | Box of 100 | 86-209 |
| | Almond | Card of 1 | 85-225 |
| | | Box of 100 | 86-225 |
| RJ-11, 3 Pair | Ivory | Card of 1 | 85-212 |
| | | Box of 100 | 86-212 |
| | White | Card of 1 | 85-213 |
| | | Box of 100 | 86-213 |
| | Almond | Card of 1 | 85-214 |
| | | Box of 100 | 86-214 |
| Dual RJ-11, 3 Pair | Ivory | Card of 1 | 85-215 |
| | | Box of 100 | 86-215 |
| | White | Card of 1 | 85-216 |
| | | Box of 100 | 86-216 |
| | Almond | Card of 1 | 85-227 |
| | | Box of 100 | 86-227 |
| Dual RJ-45, 4 Pair | White | Card of 1 | 85-217 |
| | | Box of 100 | 86-217 |
| RJ-11, 2 Pair Wall Mount Plate | Ivory | Card of 1 | 85-218 |
| | | Box of 100 | 86-218 |
| | White | Card of 1 | 85-219 |
| | | Box of 100 | 86-219 |
| | Almond | Card of 1 | 85-229 |
| | | Box of 100 | 86-229 |
| CATV Coax | Ivory | Card of 1 | 85-200 |
| | | Box of 100 | 86-200 |
| | White | Card of 1 | 85-201 |
| | | Box of 100 | 86-201 |
| | Almond | Card of 1 | 85-220 |
| | | Box of 100 | 86-220 |
| Dual CATV/Coax | Ivory | Card of 1 | 85-204 |
| | | Box of 100 | 86-204 |
| Combo CATV/RJ-11 | Ivory | Card of 1 | 85-205 |
| | | Box of 100 | 86-205 |
| | White | Card of 1 | 85-222 |
| | | Box of 100 | 86-222 |
| | Almond | Card of 1 | 85-222 |
| | | Box of 100 | 86-222 |

Telephone Wall Plates — Mid-Size (3-1/8 in. x 4-7/8 in.)

| Description | Color | Qty. | Cat. No. |
|-------------------|--------|------------|---------------|
| RJ-11, 2 Pair | Ivory | Card of 1 | 85-242 |
| | | Box of 100 | 86-242 |
| | White | Card of 1 | 85-237 |
| | | Box of 100 | 86-237 |
| | Almond | Card of 1 | 85-233 |
| | | Box of 100 | 86-233 |
| Combo CATV/RJ11 | Ivory | Card of 1 | 85-241 |
| | | Box of 100 | 86-241 |
| | White | Card of 1 | 85-236 |
| | | Box of 100 | 86-236 |
| | Almond | Card of 1 | 85-232 |
| | | Box of 100 | 86-232 |
| CATV Coax | Ivory | Card of 1 | 85-239 |
| | | Box of 100 | 86-239 |
| | White | Card of 1 | 85-234 |
| | | Box of 100 | 86-234 |
| | Almond | Card of 1 | 85-230 |
| | | Box of 100 | 86-230 |
| Dual CATV Coax | White | Box of 100 | 86-235 |

Surface Jacks



For initial installations where cable cannot be pulled through wall or for replacement of modular four-prong jacks.

| Description | Color | Qty. | Cat. No. |
|---------------|--------|-----------|---------------|
| RJ-11, 2 Pair | White | Card of 1 | 85-244 |
| RJ-11, 2 Pair | Ivory | Card of 1 | 85-245 |
| RJ-11, 2 Pair | Almond | Card of 1 | 85-246 |



Cables



85-770



85-780

- Customizable bulk cable
- Bulk CAT 5e solid 4-pair, CMR rated, 24 AWG, 350 MHz cable
- Bulk 2-conductor in-wall, 16 AWG speaker wire

| Description | Cat. No. |
|-------------------------------|----------|
| CAT 5e Cable - 100 ft. | 85-780 |
| In-wall Speaker Wire - 50 ft. | 85-770 |

Insulation Displacement Connectors (IDC)



85-900

85-925

85-950



45-719

IDC connectors create fast splice and tap connections on solid copper wires. Designed for low voltage telecommunication cables.

- Moisture-resistant sealant protects wires from corrosion
- Use with solid copper single-conductor wire
- Kinetic Super™ Wire Stripper/Crimper easily cuts and strips 22 to 24 AWG solid wire

| Description | Qty. | Cat. No. |
|--------------------------------------|-------|----------|
| UB-I, 2-Wire Tap Splice IDC | 25 | 85-900 |
| UR-I, 3-Wire Butt Splice IDC | 25 | 85-925 |
| UY-I, 2-Wire Butt Splice IDC | 25 | 85-950 |
| UR-I, 2-Wire Butt Splice IDC | 100 | 86-925 |
| UY-I, 2-Wire Butt Splice IDC | 100 | 86-950 |
| UB-I, 2-Wire Tap Splice IDC | 1,000 | 87-900 |
| UR-I, 3-Wire Butt Splice IDC | 1,000 | 87-925 |
| UY-I, 2-Wire Butt Splice IDC | 1,000 | 87-950 |
| IDC Combo Pack | 25 | 85-960 |
| Kinetic Super™ Wire Stripper/Crimper | 1 | 45-719 |

CAT 6 Modular Plugs

- Supports CAT 6
- Unique three-piece design provides easy installation and optimal performance
- Crimps with a standard RJ-45 crimp die
- 50 micron gold contacts, 8-position, 8-contact
- Suitable for solid or stranded conductors



| Description | Qty. | Cat. No. |
|---------------------|------|----------|
| CAT 6 Modular Plugs | 25 | 85-366 |

Modular Plugs



85-403

85-396

85-394

- All plugs comply with FCC 68 guidelines and are UL Listed
- Plugs are capable of supporting the latest EIA/TIA cable system performance categories when installed in compliance with appropriate EIA/TIA standards and methods
- Plugs offered for round cable with solid conductors and for flat cable and stranded conductors
- Position and contact configurations cover popular styles

| Description | Qty. | Cat. No. |
|--|------|----------|
| 6-Position 4-Contact Flat Stranded | 25 | 85-351 |
| | 50 | 85-401 |
| | 100 | 86-401 |
| 6-Position 6-Contact Flat Stranded | 25 | 85-352 |
| | 50 | 85-402 |
| | 100 | 86-402 |
| 4-Position 4-Contact Flat Stranded (Handset) | 100 | 86-398 |
| 8-Position 8-Contact Flat Stranded | 25 | 85-353 |
| | 50 | 85-403 |
| | 100 | 86-403 |
| | 25 | 85-344 |
| 6-Position 4-Contact Round Solid | 50 | 85-394 |
| | 100 | 86-394 |
| 6-Position 6-Contact Round Solid | 100 | 86-395 |
| 8-Position 8-Contact CAT 6 Modular Plug | 25 | 85-366 |
| 8-Position 8-Contact Round Solid | 25 | 85-346 |
| | 50 | 85-396 |
| | 100 | 86-396 |



B

Coaxial Termination Products

Coaxial Selection Chart

Compression Style



| Cable | Cutter | Stripper | Crimper | Connector | Tester |
|-------------------------|----------------|------------------------|--|--------------------------------|-----------------------------------|
| CATV/SATV/F-type | | | | | |
| RG-59 | 45-074, 45-075 | 45-265, 45-603, 45-320 | 30-603, 30-793, 30-703, 30-720, 30-633 | 89-054, 89-104, 89-059, 89-159 | 33-856, 33-880 33-881, 33-887* |
| RG-6 | 45-074, 45-075 | 45-262, 45-603, 45-320 | 30-603, 30-793, 30-703, 30-720, 30-633 | 89-055, 89-105, 89-060, 89-160 | |
| RG-6 Quad Shield | 45-074, 45-075 | 45-282, 45-603, 45-320 | 30-603, 30-793, 30-703, 30-720, 30-633 | 89-056, 89-106, 89-060, 89-160 | |
| RG-6 & Quad 6 Plenum | 45-074, 45-075 | 45-510 | 30-603, 30-793, 30-703, 30-720, 30-633 | 89-060P, 89-160P | |
| RG-11 | 45-074, 45-075 | 45-164, 45-510 | 30-603, 30-793, 30-720 | 89-011 | |
| Minis | 45-074, 45-075 | 45-529 | 30-603, 30-793, 30-703 | 89-014SM, 89-014SMRCA | |
| BNC | | | | | |
| RG-59 | 45-074, 45-075 | 45-265, 45-603, 45-320 | 30-603, 30-793, 30-703 | 89-058, 89-5058 | 33-856, 33-880 33-881, 33-887* |
| RG-6 | 45-074, 45-075 | 45-265, 45-603, 45-320 | 30-603, 30-793, 30-703 | 89-057, 89-5057 | |

Crimp Style



| Cable | Cutter | Stripper | Crimper | Connector | Tester |
|-------------------------|----------------|------------------------|----------------|------------------------|-----------------------------------|
| CATV/SATV/F-Type | | | | | |
| RG-59 | 45-074, 45-075 | 45-265, 45-603, 45-320 | 30-503 | 85-036, 85-016 | 33-856, 33-880 33-881, 33-887* |
| RG-6 | 45-074, 45-075 | 45-265, 45-603, 45-320 | 30-503 | 85-037, 85-017, 86-017 | |
| RG-6 Quad Shield | 45-074, 45-075 | 45-282, 45-603, 45-320 | 30-503 | 85-057, 85-030, 86-030 | |
| RG-6 Plenum | 45-074, 45-075 | 45-282, 45-603 | 30-503 | N/A | |
| RG-11 | 45-074, 45-075 | 45-164, 45-510 | N/A | N/A | |
| BNC | | | | | |
| RG-59, Non-Plenum | 45-074, 45-075 | 45-520 | 30-502, 30-483 | 85-513, 85-517, 85-502 | 33-856, 33-880 33-881, 33-887* |
| RG-6 Non-Plenum | 45-074, 45-075 | 45-520 | 30-483 | 85-545 | |

*Need LA-4173 adapter.

Coaxial Termination Products

Data T[®]-Cutter

45-075



45-074



Cuts round communication cable and maintains cable geometry for better cable performance. Data T[®]-Cutter cuts multi-pair cable up to .500 in. (12.7 mm) and coaxial cable up to RG-9/U. Blade cutting capabilities suitable for soft cables (not ACSR).

- Steel reinforced center conductors can be trimmed with bolt cutting holes
- Cushioned comfort grip handles
- Locking latch keeps tool closed in pouch

| Description | Cat. No. |
|--------------------------------|----------|
| Data T [®] -Cutter | 45-074 |
| Data T [®] -Cutter II | 45-075 |

Center Conductor Cutter

Trims coax center conductor to 3/16 in. (4.8 mm) length for proper installation into a dual crimp coax connector.



| Description | Cat. No. |
|-------------------------|----------|
| Center Conductor Cutter | 35-060 |

Economy Coax Cable Stripper

- For RG-6, RG-6 Quad and RG-59
- No adjustment required
- Strips center conductor & cable jacket



| Description | Cat. No. |
|---|----------|
| Coax Cable Stripper | 45-320 |
| Coax Connector Kit w/four RG-6 Push-On F-Connectors | 33-320 |

Toggle[®] Coax Strippers

- Toggle[®] Tools for stripping Ethernet, Thinnet, RG-62 or RG-59 coax cable and other cable sizes



| Description | Cat. No. |
|----------------------------|----------|
| Coax Stripper for RG-8/11U | 45-510 |
| Coax Stripper for RG-6 | 45-513 |

Mini Coax Stripper

- Adjustable stripper for mini coax cable



| Description | Cat. No. |
|--------------------|----------|
| Mini Coax Stripper | 45-529 |

Coax/UTP Cable Stripper

- Features a primary and secondary active strip cartridge
- Strips UTP, RG-59, RG-6 Quad and RG-6 coax cable
- Rotates easily around finger
- Push-on ring for easy connector termination



| Description | Cat. No. |
|----------------------------------|----------|
| Coax/UTP Cable Stripper | 45-603 |
| RG-6/6Q/59 Replacement Cartridge | LB-2726 |
| UTP Replacement Cartridge | LB-2727 |

Coax Stripmaster[®] Wire Strippers

- Speeds 2-step cable stripping
- Spring-action operation grips and strips in one motion
- Knife-type blades feature multiple hole diameters sized for two step removal of outer jacket insulation and center conductor



| Description | Coax Cable Type (RGU) | Repl. Blade Cat. No. | Cat. No. |
|--|-----------------------|----------------------|----------|
| Coax Stripmaster [®] for RG-6 | RG-6 | LB-740 | 45-262 |
| Coax Stripmaster [®] for RG-59 | RG-59 | LB-743 | 45-265 |
| Coax Stripmaster [®] for RG-6 Quad Shield | RG-6 Quad Shield | LA-3953 | 45-282 |

Round Cable Slitting and Ringing Tool

- Cuts around cable jacket as well as slits the length of jacket for easy removal
- Use with single or multiple conductor cable up to 1.75 in. O.D.
- Blade adjusts for jacket thicknesses up to .125 in.
- Spare blade in handle base



| Description | Cat. No. |
|--|----------|
| Round Cable Slitting and Ringing Tool | 45-144 |
| Replacement Blades for 45-144 (2/pkg.) | LB-1748 |

Coax Strippers

- Specific adjustments needed for each cable size



| Description | Replacement Cassette | Cat. No. |
|---|----------------------|----------|
| Coax Stripper - 3 Step • For crimp BNC and TNC conn. • Strips braid 0.240 in. or 6mm and Dielectric 0.240 in. or 6mm | 45-522 (Black) | 45-520 |
| Coax Stripper - 3 Step • For dual crimp BNC/TNC and Thinnet BNC conn. • For 735A Belden [®] cable • Strips braid 0.328 in. or 8.2mm and dielectric 0.109 in. or 2.7mm | 45-523 (Brown) | 45-521 |
| Coax Stripper - 2 Step • For F-Type, many single crimp BNC/TNC's, Twist-on BNC/TNC's, Twinax and UHF conn. • Strips 0.250 in. or 6.35mm | 45-524 (Blue) | 45-526 |

UTP/STP/Coaxial Cable Strippers

- Adjustable blades can be set for any depth to help ensure nick-free strips



| Description | Typical RG Cables | Cat. No. |
|--|-------------------|--------------------------|
| Coaxial Cable Stripper, up to 1/8 in. (3.2mm) O.D. | RG-174, RG-187 | 45-162 (Gray) |
| Coaxial Cable Stripper, 1/8 in. (3.2mm) to 7/32 in. (5.556mm) O.D. | RG-58 Mini Coax | 45-163 (Blue) |
| Coaxial Cable Stripper, 1/4 in. (6.4mm) to 9/16 in. (14.3mm) O.D. | RG-11, RG-8 | 45-164 (Blue) |
| Cable Stripper, 3/16 in. (4.8mm) to 5/16 in. (8mm) O.D. | RG-59, UTP Cable | 45-165 (Black) |
| Replacement Blade Set* for 45-162, 45-163, 45-165 | — | L-9225 |
| Replacement Blade Set* for 45-164 | — | L-9226 |

*A set of blades consists of three straight blades and one round blade.

Coax Strip and Crimp Tool

- Precision, form-ground stripping holes remove outer jacket and insulation from RG-59 and RG-6 coaxial cable
- Durable blades cut copper-coated steel conductors
- Three crimping nests for crimping F-connectors and ring terminals
- Cushioned, comfort-grip handles



| Description | Cat. No. |
|---|----------------|
| Coax Strip & Crimp Tool | 30-433 |
| Coax Strip & Crimp Tool Kit w/ten RG-6 F-Connectors | 30-433F |

4-Way Indent Crimp Tools

Crimp solid barrel contacts for RS232 interface connectors. Feature four-way indent dies (per MS22520 specifications), full cycle ratchet, built-in pin and socket locator and comfort-grip handles.



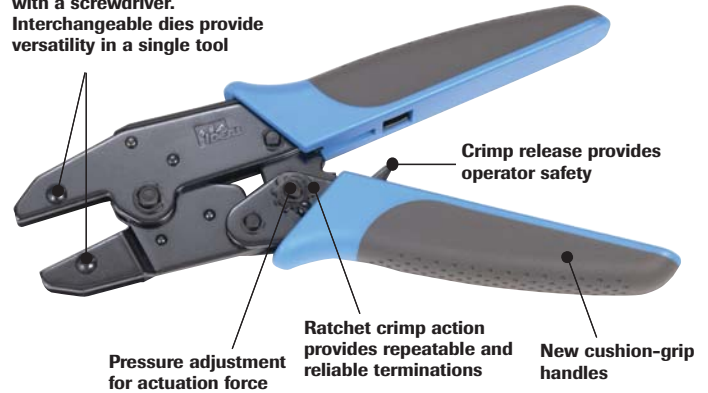
35-465

- High-grade steel construction for outstanding performance

| Description | Cat. No. |
|---|---------------|
| 20-26 AWG (.519 mm ² - .128 mm ²) RS232 D-sub Round Barrel Contacts, Pins or Sockets | 35-465 |
| 16-22 AWG (1.31 mm ² - .324 mm ²) Round Barrel Contacts, Pins, Sockets and Deutsch 16 Pin Contacts | 35-466 |
| Trompeter BNC Connector Center Pins | 35-468 |

Crimpmaster™ Crimp Tool Replacement Die Sets

Dies change quickly and easily with a screwdriver. Interchangeable dies provide versatility in a single tool



Coaxial Termination

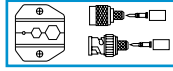
| Description | Tool Cat. No. | Replacement Die Set Cat. No. |
|---|---------------|------------------------------|
| 22-10 AWG (.324mm ² - 5.261mm ²) fully insulated slide-on connectors | — | 30-594 |
| Insulated Terminal Crimp Tool with built-in locator | 30-479 | — |
| 22-12 AWG (.324mm ² - 3.31mm ²) Non-insulated open barrel crimp style connectors | — | 30-586 |
| RG-58, 59, 62 Non-plenum Cambridge BNC/TNC connectors | 30-481 | 30-573 |
| RG-8/11, RG-213, RG-216 Ethernet Thickwire, N-Series type plugs and jacks | 30-482 | 30-577 |
| RG-9, Belden® 8281® and RG-6 Cable, 50 & 75 Ohm | 30-483 | 30-578 |
| RG-58 and RG-174 cable for 50 and 75 Ohm cables | — | 30-587 |
| RG-174 Mini-59 Hex BNC/TNC coax connector | 30-485 | 30-576 |
| RG-58 and RG-59 Plenum cables, Thinwire PVC Hex | — | 30-591 |
| 16-26 AWG (1.31mm ² - 1.28mm ²) Miniature insulated rings and splices | — | 30-572 |
| 22-10 AWG (.324mm ² - 5.261mm ²) Insulated ring tongue terminals and splices | 30-500 | 30-579 |
| 22-8 AWG (.3mm ² - 8mm ²) Non-insulated terminals and splices | — | 30-580 |
| RG-58 RG-59/62AU BNC/TNC 3-Piece Hex type connectors | 30-502 | 30-581 |
| CATV RG-59 and RG-6 Captive Ring F-connectors | 30-503 | 30-582 |
| RG-6, RG-174, Belden-Type RG-8281 cables | — | 30-570 |
| Mini UHF and BNC/TNC 5 cavity | — | 30-593 |
| 30-18 AWG, Open barrel pins and sockets | — | 30-599 |

Coaxial Termination Products

Crimpmaster™ Crimp Tool Replacement Die Sets

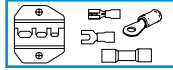
30-570 (Tool w/die N/A)

RG-6, RG-174, Belden-Type RG-8281 cables, Hex. 0.324 (8.23 mm), 0.178 (4.52 mm), 0.068 (1.73 mm)



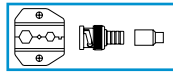
30-572 (Tool w/die N/A)

16-26 AWG (1.31 mm² - .128 mm²) miniature insulated rings, spade and butt splices



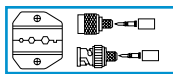
30-573 (Tool w/die 30-481)

Cambridge CP-88, CP-89 BNC/TNC coax connectors with RG-58, RG-59/62 AU cables (Hex 0.305 (7.75 mm), 0.068 (1.73 mm), 0.228 (5.79 mm))



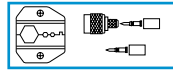
30-576 (Tool w/die 30-485)

RG-174, Mini 59 BNC/TNC Connectors, Hex. 0.178 (4.52 mm), 0.128 (3.25 mm), 0.068 (1.73 mm)



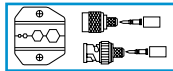
30-577 (Tool w/die 30-482)

N-Series and RG-8/11 Connectors, Hex. 0.429 (10.90 mm), 0.100 (2.54 mm), 0.080 (2.03 mm)



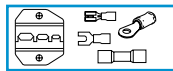
30-578 (Tool w/die 30-483)

RG-59, RG-6, and 8281 50 and 75 OHM cables (Hex. 0.324 (8.23 mm), 0.255 (6.48 mm), 0.068 (1.73 mm), 0.042 (1.07 mm))



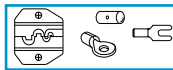
30-579 (Tool w/die 30-500)

22-10 AWG (.324 mm² - 5.261 mm²) insulated terminals/ color coded nests



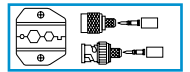
30-580 (Tool w/die N/A)

22-8 AWG (.3 mm² - 8 mm²) non-insulated terminals



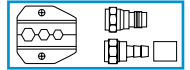
30-581 (Tool w/die 30-502)

RG-58, RG-59/62, BNC/TNC Coax Connectors, Hex. 0.255 (6.48 mm), 0.213 (5.41 mm), 0.068 (1.73 mm)



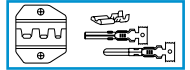
30-582 (Tool w/die 30-503)

F-type CATV RG-59, RG-6 Connectors, Hex. 0.350 (8.89 mm), 0.320 (8.13 mm), 0.255 (6.48 mm)



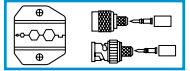
30-586 (Tool w/die N/A)

22-12 AWG (.324 mm² - 3.31 mm²) Non Insulated Open Barrel Connectors, Commercial Type



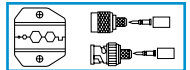
30-587 (Tool w/die N/A)

RG-58, RG-174 and RG-8218 for both 50 and 75 ohm cables (Hex 0.213 (5.41 mm), 0.178 (4.52 mm), 0.068 (1.73 mm), 0.042 (1.07 mm))



30-591 (Tool w/die N/A)

Plenum and Non-Plenum Thinwire Cables RG-58 and 59 (Hex. 0.213 (5.41 mm), 0.190 (4.83 mm), 0.068 (1.73 mm), 0.042 (1.07 mm))



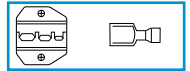
30-593 (Tool w/die N/A)

Mini UHF and BNC/TNC 5 cavity, Hex. 0.052 (1.32 mm), 0.068 (1.73 mm), 0.100 (2.54 mm), 0.213 (5.41 mm), 0.255 (6.48 mm)



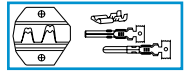
30-594 (Tool w/die N/A)

Fully Insulated quick disconnect terminals with thinner wire barrels 22-10 AWG (.324 mm² - 5.261 mm²)



30-599 (Tool w/die N/A)

30-18 AWG (.205 mm² - 2.08 mm²) Open Barrel Pins and Sockets



F-Series Coaxial Crimp Connectors

F-Series Connectors utilize threaded couplings and cable conductors as contacts for CATV and other UHF applications.

| | Description | Qty. | Cat. No. |
|--|---|------------|---------------|
| | F-Series, Twist-on Plug, RG-59 | Card of 4 | 84-018 |
| | | Card of 10 | 85-035 |
| | F-Series, Crimp Plug, RG-59 | Card of 4 | 84-016 |
| | | Card of 10 | 85-036 |
| | | Card of 50 | 85-016 |
| | F-Series, Crimp Plug, RG-6 | Card of 4 | 84-017 |
| | | Card of 10 | 85-037 |
| | | Card of 50 | 85-017 |
| | | Box of 100 | 86-017 |
| | F-Series, Crimp Plug, RG-6, Quad Shield | Card of 4 | 84-030 |
| | | Card of 10 | 85-057 |
| | | Card of 50 | 85-030 |
| | | Box of 100 | 86-030 |
| | F-Series, Female Adapter | Card of 10 | 85-031 |
| | F-Series, Terminator | Card of 10 | 85-038 |
| | F-Type, Twist-on RG-6 | Card of 4 | 84-039 |
| | | Card of 10 | 85-053 |
| | | Card of 50 | 85-039 |
| | | Box of 100 | 86-039 |

OmniSeal™ Pro Compression Tools

The new IDEAL OmniSeal™ Compression Tools now offer additional features and increased connector compatibility in a smaller, more compact tool designed to meet the demands of the professional installer. OmniSeal requires no calibration or accessory attachment to terminate IDEAL branded compression connectors. Most other manufacturers compression connectors can be terminated with an easy plunger depth adjustment. The simple intuitive design combined with its size and universal connector acceptance makes this the only compression tool needed by professional installers.

- Factory preset to work with ALL IDEAL compression connectors
- Compress F-type, RCA, BNC and Mini connectors
- Adjustable to fit other manufacturer's connectors – no accessory adapters required
- Connectors approved for use by most satellite and cable TV companies

| Description | Qty. | Cat. No. |
|-----------------------------------|------|---------------|
| OmniSeal™ Pro XL Compression Tool | 1 | 30-793 |
| OmniSeal™ Pro Compression Tool | 1 | 30-603 |

| | BNC | F-Type | RG11 | RCA | Mini Coax |
|--------------------------------|-----|--------|------|-----|-----------|
| OmniSeal™ Pro XL 30-793 | ✓ | ✓ | ✓ | ✓ | ✓ |
| OmniSeal™ Pro 30-603 | | ✓ | ✓ | ✓ | ✓ |



OmniSeal Pro 30-603



OmniSeal Pro XL 30-793



OmniSeal™ Compression Tools

- Lightweight and durable composite material
- High leverage design reduces hand fatigue



| Feature | OmniSeal™ XL 30-703 | OmniSeal™ 11 30-720 |
|---|---------------------|---------------------|
| For RG-6 & RG-59 Cables | X | X |
| Compresses RCA & F-Connectors | X | X |
| Compresses BNC Connectors | X | — |
| Works with IDEAL and PPC brand RCA connectors | X | X |
| For RG-11 cables | — | X |

Economy Compression Tool

- Easily compresses series 6 and 59 coax compression F-connectors
- Permanent connection – never comes loose
- Works with most brands of compression connectors



| Description | Cat. No. |
|--|---------------|
| Economy Compression Tool | 30-633 |
| Economy Compression Tool Kit - Includes four CMP RG-6 Connectors | 33-633 |

Coaxial Termination Products

Universal Compression Connectors

- Four universal connectors terminate all plenum RG-6, RG-6, RG-59 and RG-11 braid types from 60% through quad shielding
- One connector for all cable types within a given RG series
- Approved by most satellite and cable TV companies
- Approved for indoor/outdoor use



| Description | Qty. | Cat. No. |
|--|------------|----------------|
| Universal RG-59 Compression Connectors | Jar of 50 | 89-059 |
| | Jar of 100 | 89-159 |
| Universal RG-6 Compression Connectors | Jar of 50 | 89-060 |
| | Jar of 100 | 89-160 |
| Plenum RG-6 Compression Connectors | Jar of 50 | 89-060P |
| | Jar of 100 | 89-160P |
| Universal RG-11 Compression Connectors | Clam of 10 | 89-011 |

CMP Compression Connectors

- Approved for use by most cable TV and satellite companies
- RF signal containment ensures strong signal
- Permanent connections do not pull off or come loose
- One-piece design for quick installation
- Compression port seal provides a water-tight seal for outdoor applications



| Description | Qty. | Cat. No. |
|-----------------------------------|------|---------------|
| RG-59 Compression F-Connector | 50 | 89-054 |
| RG-59 Compression F-Connector | 100 | 89-104 |
| RG-6 Compression F-Connector | 4 | 89-015 |
| RG-6 Compression F-Connector | 10 | 89-035 |
| RG-6 Compression F-Connector | 50 | 89-055 |
| RG-6 Compression F-Connector | 100 | 89-105 |
| RG-6 Quad Compression F-Connector | 4 | 89-016 |
| RG-6 Quad Compression F-Connector | 50 | 89-056 |
| RG-6 Quad Compression F-Connector | 100 | 89-106 |

Compression F-Connector Port Seals

- For use with IDEAL RG-6, RG-6 Quad and RG-59 F-Style compression connectors to make connections water tight



| Description | Qty. | Cat. No. |
|-------------|------|---------------|
| Port Seals | 5 | 89-026 |

BNC Compression Connectors

- Color coded by cable series for easy identification
- Approved for indoor/outdoor use



| Description | Qty. | Cat. No. |
|---------------------------------|------------|----------------|
| BNC RG-6 Compression Connector | Clam of 15 | 89-057 |
| BNC RG-6 Compression Connector | Jar of 50 | 89-5057 |
| BNC RG-59 Compression Connector | Clam of 15 | 89-058 |
| BNC RG-59 Compression Connector | Jar of 50 | 89-5058 |

Mini Compression Connectors

- For use with most 21-25 AWG mini coax cable
- Body is nickel plated for outstanding corrosion resistance
- Mini RCA head is gold plated for superior contact performance
- Bandwidth is 5 MHz - 3 GHz, Impedance is 75 Ohms (nominal), return loss min. -30 dB @ 3 GHz



F-Connector

RCA Connector

| Description | Qty. | Cat. No. |
|--------------------------------|------|--------------------|
| Mini Compression F-Connector | 10 | 89-014SM |
| Mini Compression RCA Connector | 10 | 89-014SMRCA |

Push-on F-Connectors

- Permanent connection
- No termination tool needed



| Description | Qty. | Cat. No. |
|---|------|---------------|
| RG-6 Push-on F-Connectors | 4 | 85-065 |
| RG-6Q Push-on F-Connectors | 4 | 85-066 |
| RG-59 Push-on F-Connectors | 4 | 85-067 |
| RG-6 Push-on F-Connectors | 50 | 89-165 |
| Coax Connector Kit w/Economy Coax Stripper & four RG-6 Push-On F-Connectors | — | 33-320 |

Coax Connector Tool - F & BNC

- Works on compression and hex connectors
- Makes attaching (and detaching) connector to equipment easier
- Aids in installing CATV connectors on coax cable
- New comfort grip handle



| Description | Cat. No. |
|---|---------------|
| Coax Connector Tool - F & BNC — 8 in. overall (3 in. blade) | 35-046 |

Cable TV Splitters



| Description | Qty. | Cat. No. |
|--|-----------|---------------|
| CATV Cable Splitter, 5-900 MHz, 2-Way | Card of 1 | 85-032 |
| | Box of 10 | 86-432 |
| CATV Cable Splitter, 5-900 MHz, 3-Way | Card of 1 | 85-033 |
| | Box of 10 | 86-433 |
| CATV Cable Splitter, 5-900 MHz, 4-Way | Card of 1 | 85-034 |
| High Performance Cable Splitter, 5MHz-1GHz 2-Way | Card of 1 | 85-132 |
| | Box of 10 | 86-132 |
| High Performance Cable Splitter, 5MHz-1GHz 3-Way | Card of 1 | 85-133 |
| | Box of 10 | 86-133 |
| High Performance Cable Splitter, 5MHz-1GHz 4-Way | Card of 1 | 85-134 |
| | Box of 10 | 86-134 |

Satellite and Digital TV Splitters



- Designed for easy mounting over cable
- All ports are F female connectors, 75Ω
- Two grounding screws eliminate the need for grounding block
- Includes two mounting screws (Phillips/slotted head)

| Description | Qty. | Cat. No. |
|----------------------|------|---------------|
| 2-Way, 5MHz - 2.3GHz | 1 | 85-332 |
| 3-Way, 5MHz - 2.3GHz | 1 | 85-333 |
| 4-Way, 5MHz - 2.3GHz | 1 | 85-334 |

8-Way Digital Cable Splitter

- Nickel-plated housing
- High-performance impedance-balanced Printed Circuit Board design
- Bandwidth: 5MHz - 1 GHz
Impedance: 75 Ohm
- Over 120 dB of RFI shielding
- Low insertion loss
- Splits signals up to 8 outlets
- Terminators (85-038) needed for all unused ports for optimal performance



| Description | Cat. No. |
|-------------------------------|---------------|
| Digital Cable Splitter, 8-Way | 85-138 |

Diplexer, 2.3 GHz



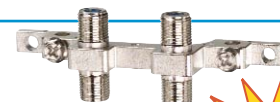
- Combine or split cable/antenna signals with satellite signals
- High quality PCB design
- Corrosion-resistant sealed construction
- Nickel-plated die-cast zinc housing
- Grounding hole for up to 6 AWG wire



| Description | Cat. No. |
|--|---------------|
| Diplexer, 2.3 GHz, SATV/TV Combiner Splitter | 85-323 |

Grounding Block

- Solid zinc alloy, nickel plated and chromate finished
- High performance 360° beryllium copper contact
- Excellent electrical performance 0 - 3,000 MHz
- UL/CSA approved



| Description | Cat. No. |
|---|---------------|
| 2-Port Grounding Block for F-Connectors | 85-311 |

CATV Wall Plates



85-205 85-220 85-239 85-232

Telephone Wall Plates are listed and approved by the Underwriter's Laboratories and contain 50 micro inches of gold plating on the contacts.

| Description - Standard Size 2-3/4 in. x 4-1/2 in. | Color | Qty. | Cat. No. |
|--|------------|---------------|---------------|
| CATV Coax | Ivory | Card of 1 | 85-200 |
| | | Box of 100 | 86-200 |
| | White | Card of 1 | 85-201 |
| | | Box of 100 | 86-201 |
| | Almond | Card of 1 | 85-220 |
| | | Box of 100 | 86-220 |
| Dual CATV Coax | Ivory | Box of 100 | 86-202 |
| | | Box of 100 | 86-203 |
| | Ivory | Card of 1 | 85-204 |
| | | Box of 100 | 86-204 |
| | White | Card of 1 | 85-205 |
| | | Box of 100 | 86-205 |
| Almond | Card of 1 | 85-222 | |
| | Box of 100 | 86-222 | |
| Description - Mid-Size 3-1/8 in. x 4-7/8 in. | Color | Qty. | Cat. No. |
| Combo CATV/RJ11 | Ivory | Card of 1 | 85-241 |
| | | Box of 100 | 86-241 |
| | White | Card of 1 | 85-236 |
| | | Box of 100 | 86-236 |
| | Almond | Card of 1 | 85-232 |
| | | Box of 100 | 86-232 |
| CATV Coax | Ivory | Card of 1 | 85-239 |
| | | Box of 100 | 86-239 |
| | White | Card of 1 | 85-234 |
| | | Box of 100 | 86-234 |
| | Almond | Card of 1 | 85-230 |
| | | Box of 100 | 86-230 |
| Dual CATV Coax | White | Box of 100 | 86-235 |

Coaxial Termination Products

Economy Data and CATV Kit



Kit 33-915 Includes:

| Description | Qty. | Cat. No. |
|--|------|----------|
| Data T [®] -Cutter | 1 | 45-074 |
| Economy Coax Stripper | 1 | 45-320 |
| Economy UTP Stripper | 1 | 45-167 |
| Non-Impact Turn-Lock™ Tool w/110 Blade | 1 | 35-492 |
| Telemaster™ Telephone Tool | 1 | 30-496 |
| Economy Compression Tool | 1 | 30-633 |
| Mechanics Bag | 1 | 35-535 |

Basic Data and Video Kit



Kit 33-916 Includes:

| Description | Qty. | Cat. No. |
|---|------|----------|
| Data T [®] -Cutter | 1 | 45-074 |
| UTP Stripper | 1 | 45-165 |
| Stripmaster [®] Wire Stripper for RG-6 | 1 | 45-262 |
| Punchmaster™ II Punch Down Tool w/110 Blade | 1 | 35-485 |
| OmniSeal™ Pro XL Compression Tool | 1 | 30-793 |
| TRACEtone™ Tone Generator & Amplifier Probe | 1 | 62-140 |
| VDV Multimedia Cable Tester | 1 | 33-856 |
| Journeyman Electrician's Tote™ | 1 | 35-462 |

Compression Connector Installation Kit



Kit 33-623 Includes:

| Description | Qty. | Cat. No. |
|-----------------------------|------|----------|
| Data T [®] -Cutter | 1 | 45-074 |
| Coax Cable Stripper | 1 | 45-320 |
| Economy Compression Tool | 1 | 30-633 |
| Pouch w/belt clip | 1 | — |

Data/Video Kit



Kit 33-917 Includes:

| Description | Qty. | Cat. No. |
|---|------|----------|
| Data T [®] -Cutter | 1 | 45-074 |
| Twist-a-Nut™ 7-in-1 Screwdriver | 1 | 35-908 |
| UTP Stripper | 1 | 45-165 |
| Coax Stripper w/Replaceable Cartridge | 1 | 45-526 |
| Punchmaster™ II Punch Down Tool w/110 Blade | 1 | 35-485 |
| 110/66 Blade Combo Punch Down Blade | 1 | 35-407 |
| Crimpmaster™ Crimp Tool for RJ-45 Modular Plugs | 1 | 30-522 |
| OmniSeal™ Pro XL Compression Tool | 1 | 30-793 |
| Probe Pic and Spudger | 1 | 35-473 |
| Coax Connector Tool - F & BNC | 1 | 35-046 |
| VDV MultiMedia Cable Tester | 1 | 33-856 |
| Amplifier Probe | 1 | 62-164 |
| Electrician's Scissors w/Stripping Notch | 1 | 35-088 |
| Large Mouth Bag — 13 in. | 1 | 35-410 |

Economy CATV Compression Kit



Kit 33-621 Includes:

| Description | Qty. | Cat. No. |
|---------------------------------|------|----------|
| Economy Compression Tool | 1 | 30-633 |
| Data T [®] -Cutter | 1 | 45-074 |
| Economy Coax Stripper | 1 | 45-320 |
| Zipper Pouch | 1 | 35-402 |
| RG-6 CMP Compression Connectors | 4 | 89-015 |

Crimpmaster™ F-Type (CATV) Connectors Kit



Kit 33-400 Includes:

| Description | Qty. | Cat. No. |
|-----------------------------------|------|----------|
| Crimpmaster™ CATV Crimp Tool | 1 | 30-503 |
| F-Connector, Crimp-on RG-59 Plugs | 20 | 85-016 |
| F-Connector, Crimp-on RG-6 Plugs | 20 | 85-017 |

Residential Compression Kit



Kit 33-625 Includes:

| Description | Qty. | Cat. No. |
|---|--------|----------|
| OmniSeal™ Pro Compression Tool | 1 | 30-603 |
| Mechanic's Tool Bag | 1 | 35-535 |
| Data T [®] -Cutter | 1 | 45-074 |
| Coax Stripmaster [®] Wire Stripper for RG-6 | 1 | 45-262 |
| Stripmaster [®] RG-6 Quad Shield Repl. Blade | 1 | LA-3953 |
| Universal RG-6 Compression Connectors | 50/jar | 89-060 |

Economy Compression Kit



Kit 33-620 Includes:

| Description | Qty. | Cat. No. |
|------------------------------------|------|----------|
| Economy Tool | 1 | 30-633 |
| Data T [®] -Cutter | 1 | 45-074 |
| Coax Stripper | 1 | 45-526 |
| RG-59 Compression F-Connectors | 10 | 89-054 |
| RG-6 Quad Compression F-Connectors | 10 | 89-056 |
| RG-6 Compression F-Connectors | 20 | 89-055 |

Service Compression Kit



Kit 33-630 Includes:

| Description | Qty. | Cat. No. |
|--|------|----------|
| Universal RG-6 Compression Connectors | 50 | 89-060 |
| Plenum RG-6 Compression Connectors | 10 | 89-060P |
| BNC RG-59 Compression Connectors | 10 | 89-058 |
| BNC RG-6 Compression Connectors | 10 | 89-057 |
| OmniSeal™ Pro XL Compression Tool | 1 | 30-793 |
| Compression F-Connector Port Seals | 5 | 89-026 |
| Data T [®] -Cutter | 1 | 45-074 |
| Coax Stripmaster [®] Wire Stripper for RG-6 | 1 | 45-262 |
| Replacement Blade for 45-262 | 1 | LA-3953 |

Cable Service/Termination Kit



Kit 33-861 Includes:

| Description | Qty. | Cat. No. |
|--|------|----------|
| Data T [®] -Cutter | 1 | 45-074 |
| Center Conductor Cutter | 1 | 35-060 |
| UTP/Coax Stripper | 1 | 45-165 |
| Coax Stripper w/black cassette | 1 | 45-520 |
| Crimpmaster™ RG-58/59 Crimp Tool | 1 | 30-502 |
| 2, 4, 6-Position Die Set for RJ-11 Plugs | 1 | 30-556 |
| 8-Position Die Set for RJ-45 Plugs | 1 | 30-559 |
| Punchmaster™ II Punch Down Tool w/66 Blade | 1 | 35-487 |
| Punchmaster™ II 110 Blade only | 1 | 35-495 |
| ABS™ Signal Thrower™ | 1 | 62-184 |
| ABS™ Tester | 1 | 62-180 |
| LinkMaster™ Tester w/Remote | 1 | 62-200 |
| Cable Assemblies | 1 | K-7921 |

Twisted Pair/Coax Termination Kit



Kit 33-869 Includes:

| Description | Qty. | Cat. No. |
|--|------|----------|
| Data T [®] -Cutter | 1 | 45-074 |
| Scissors w/Stripping Notch | 1 | 35-088 |
| Center Conductor Cutter | 1 | 35-060 |
| UTP/Coax Stripper | 1 | 45-165 |
| Coax Stripper w/Black Cassette | 1 | 45-520 |
| Crimpmaster™ Frame Only | 1 | 30-506 |
| 2, 4, 6-Position Die Set for RJ-11 Plugs | 1 | 30-556 |
| 8-Position Die Set for RJ-45 Plugs | 1 | 30-559 |
| RG-58/59/62 BNC Die Set | 1 | 30-581 |
| Punchmaster™ II w/110 Blade | 1 | 35-485 |
| Punchmaster™ II 66 Blade Only | 1 | 35-497 |
| ABS™ Signal Thrower™ | 1 | 62-184 |
| ABS™ Tester | 1 | 62-180 |
| ZipKit™ Carrying Case | 1 | 35-419 |

Coaxial Termination Products

RG-6 Push-on Connector Kit



Kit 33-320 Includes:

| Description | Qty. | Cat. No. |
|-------------------------------|------|----------|
| RG-6 Push-On Connectors | 4 | 85-065 |
| 2-Step 59 & 6 Series Stripper | 1 | 45-320 |

Pro Installer Kit



Kit 33-945 Includes:

| Description | Qty. | Cat. No. |
|---|------|----------|
| Large Mouth Bag – 18 in. | 1 | 35-427 |
| 110/66 Blade | 1 | 35-407 |
| 66 Blade only | 1 | 35-497 |
| Punchmaster™ II 110 Blade only | 1 | 35-485 |
| Lever™-Snips Electrician's Scissors | 1 | 35-087 |
| Probe Pic and Spudger | 1 | 35-473 |
| UTP/STP Stripper | 1 | 45-165 |
| 7-in-1 Twist-a-Nut™ Screwdriver/Nutdriver | 1 | 35-908 |
| Mag-Tape™ Tape Measure | 1 | 35-238 |
| Torpedo Level | 1 | 35-205 |
| Jab Saw | 1 | 35-275 |
| OmniSeal™ Pro XL Compression Tool | 1 | 30-793 |
| Coax Stripper - 2-Step | 1 | 45-526 |
| Smart-Grip™ Long-Nose Pliers – 7-3/4 in. | 1 | 35-3037 |
| Smart-Grip™ Tongue & Groove Pliers – 10 in. | 1 | 35-3430 |
| Tongue & Groove Pliers – 9-1/2 in. | 1 | 35-420 |
| Tone Generator | 1 | 62-160 |
| Amplifier Probe | 1 | 62-164 |
| Data T®-Cutter | 1 | 45-074 |
| Cable Splicing Knife | 1 | 35-091 |
| Ratchet Telemaster™ | 1 | 30-696 |
| F-Connector Tool | 1 | 35-046 |

BNC Coaxial Connectors

IDEAL coaxial connectors are available in two grades. A premium specification grade features precision machined brass bodies with nickel plating. The commercial grade consists of machined diecast components with nickel plating. A variety of connectors handle different termination types, cable size, impedance rating and attachment means.

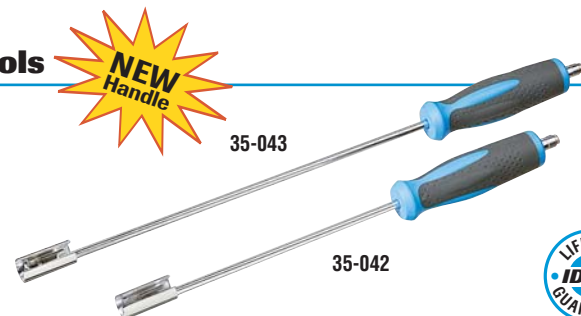
- Connector construction covers both plenum and non-plenum cable jackets
- Captive gold center contacts provide maximum conductivity and minimal resistance
- Nickel plating resists corrosion, tarnish and ensures signal quality
- Meets military specifications. MS39012 and MIL202 where applicable.
- Available in both small and bulk quantities to suit a range of application requirements

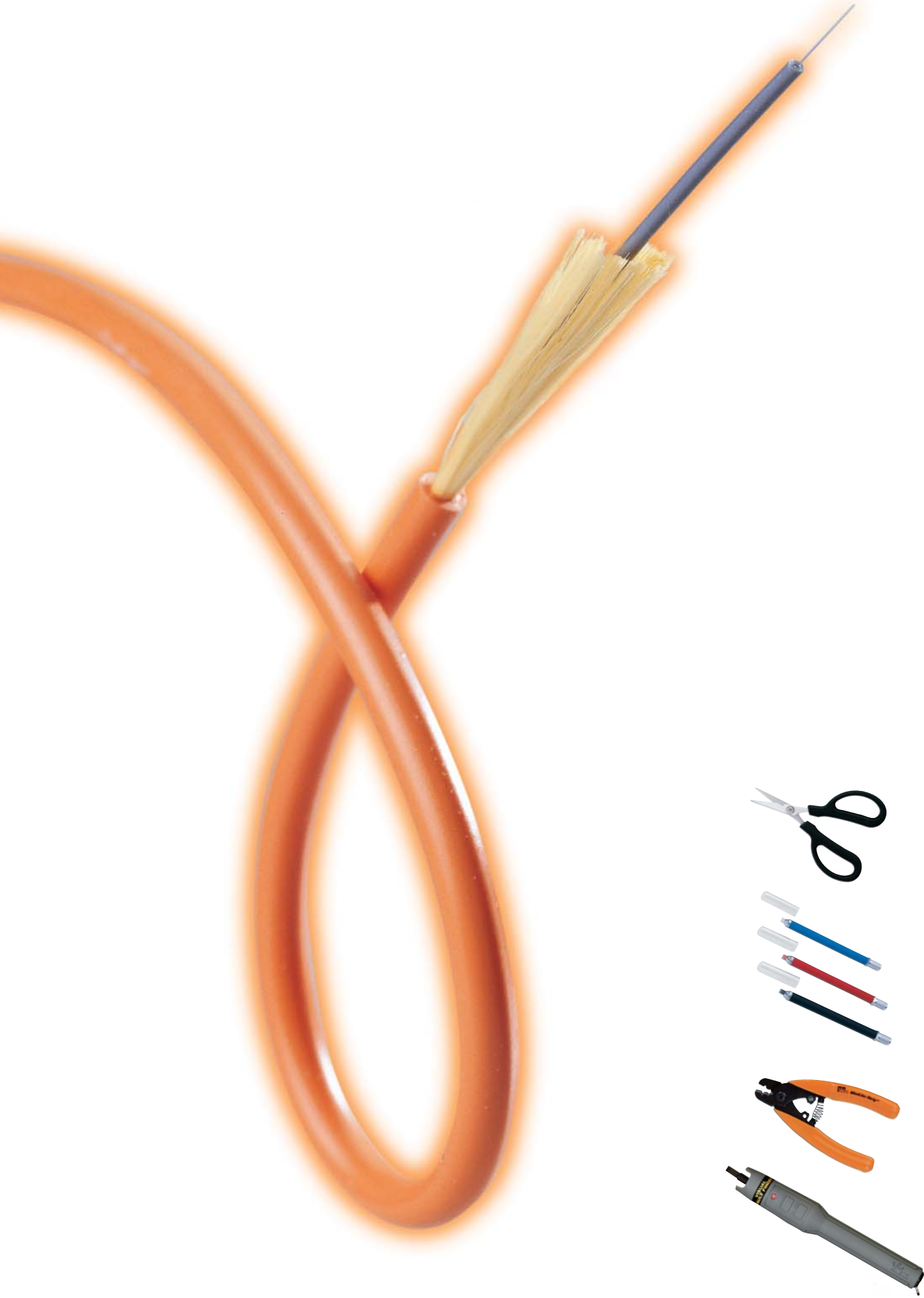
| | Connector Type | Cable Type | Center Conductor | Jacket | Connector Impedance | Connector Grade | Insulation | Model | Qty. | Cat. No. |
|--|-------------------|-------------|------------------|------------|---------------------|-----------------|------------|---------|------------|---------------|
| | BNC Plug | RG-58 | 20 AWG Solid | Non-Plenum | 50 Ohm | Commercial | Delrin | IA-3620 | Bag of 5 | 85-490 |
| | BNC Plug | RG-58 | 20 AWG Solid | Non-Plenum | 50 Ohm | Specification | Delrin | IA-3621 | Bag of 5 | 85-491 |
| | BNC Plug | RG-59 | 20 AWG Solid | Non-Plenum | 75 Ohm | Commercial | Delrin | IA-3617 | Bag of 5 | 85-502 |
| | BNC Plug | RG-59 | 20 AWG Solid | Plenum | 75 Ohm | Commercial | Delrin | IA-3618 | Box of 100 | 86-502 |
| | BNC Plug | RG-59 | 22-23 AWG Solid | Non-Plenum | 75 Ohm | Commercial | Delrin | IA-3624 | Bag of 5 | 85-513 |
| | BNC Plug | RG-59 | 22-23 AWG Solid | Plenum | 75 Ohm | Commercial | Delrin | IA-3626 | Bag of 5 | 85-515 |
| | BNC Plug | RG-59 | 22-23 AWG Solid | Non-Plenum | 50 Ohm | Specification | Delrin | IA-3592 | Bag of 5 | 85-517 |
| | BNC Plug | RG-6 | 18 AWG Solid | Non-Plenum | 75 Ohm | Specification | Delrin | IA-3634 | Bag of 5 | 85-545 |
| | BNC Plug | Belden 8281 | 20 AWG Solid | Non-Plenum | 75 Ohm | Specification | Delrin | IA-3636 | Bag of 5 | 85-550 |
| | BNC Jack | RG-59 | 22-23 AWG Solid | Non-Plenum | 75 Ohm | Specification | Teflon | IA-3638 | Bag of 5 | 85-553 |
| | BNC Terminator | — | — | — | 50 Ohm | Specification | Delrin | IA-3641 | Bag of 5 | 85-556 |
| | 90° BNC Plug | RG-6 | 18 AWG Solid | Non-Plenum | 75 Ohm | Specification | Delrin | IA-3659 | Bag of 5 | 85-575 |
| | BNC Tee Adapter | — | BNC Tee Adapter | — | 50 Ohm | Commercial | Delrin | IA-3667 | Bag of 5 | 85-588 |
| | BNC Adapter | | Jack to Jack | | 50 Ohm | Specification | Delrin | IA-3668 | Bag of 5 | 85-590 |
| | BNC Twist-on Plug | RG-59 | 22-23 AWG Solid | Non-Plenum | 50 Ohm | Commercial | Delrin | IA-3677 | Bag of 5 | 85-480 |

BNC/TNC & F-Series Connector Removal Tools

- BNC/TNC connector removal tools for easy access to high density locations of connectors.

| Description | Cat. No. |
|---|---------------|
| 12 in. (30.5 cm) Overall Length, 8 in. (20.3 cm) Blade Length | 35-042 |
| 16 in. (40.6 cm) Overall Length, 12 in. (30.4 cm) Blade Length | 35-043 |





Fiber Optic Products

Simplex/Duplex 3mm Jacket Stripper



- Designed to remove the jacket from 3mm Simplex or Duplex (zip cord) fiber optic cable
- Form-ground, knife-type blades for accurate easy stripping without damaging the fiber or Kevlar® strength member
- Contoured, comfort-grip handles to reduce operator fatigue

| Description | Cat. No. |
|------------------------------------|----------|
| Simplex/Duplex 3mm Jacket Stripper | 45-349 |

Note: Kevlar® is a registered trademark of DuPont.

Stripmaster® Ribbon Fiber Jacket Stripper



- Removes jacket from Ribbon Fiber without damage to the Kevlar® strength member of the Ribbon Fiber

Note: Frame and blade-set sold separately.

| Description | Cat. No. |
|--|----------|
| Stripmaster® Frame only | L-5620 |
| Blade-set for use with Corning Plenum and Riser Ribbon Fiber Cable | LB-1152 |
| Blade-set for use with Corning "Fanout" Ribbon Cable | LB-1153 |

Note: Kevlar® is a registered trademark of DuPont.

Serrated Cutter (For Kevlar®) with Breaker Notch



- Two-Step process significantly increases the life of this rugged tool
- Superior quality high-carbon stainless steel with molybdenum and vanadium provides the super-hard edges needed to stand up to the demands of today's market
- Textured cushioned-grip handles
- Value-priced for contractors, cable assembly houses, fiber installers/technicians and tool kits

| Description | Cat. No. |
|--|----------|
| Serrated Cutter w/Breaker Notch (Patent pending) | 45-344 |

Note: Kevlar® is a registered trademark of DuPont.

MiniLite-Strip™ Optical Fiber Stripper



- Small strip notch engineered and precision-ground to strip 900 micron or 250 micron buffer coatings from 125 micron fiber
- Larger round strip notch machined to remove the 3mm outer jacket
- Strip notches pre-set and locked, no field adjustment necessary

| Description | Cat. No. |
|--|----------|
| MiniLite-Strip™ Optical Fiber Stripper | 45-352 |

Lite-Strip™ Optical Fiber Stripper



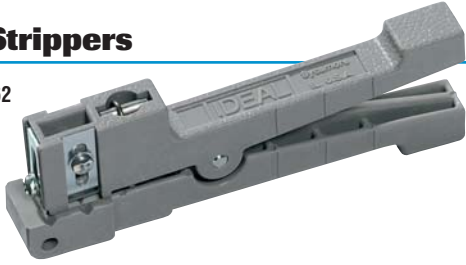
V-notch blades strip a wide range of outer cable jacket. Precision-ground, replaceable knife-type blades strip tight buffer tube insulations (900µm). Also strips mechanically strippable coatings from 250 microns to 900 microns.

- Replaceable precision-ground blades cleanly strip buffer coatings
- New funneled hole makes cable insertion easier
- Improved spring mounting returns handles to original position after every application
- One-step, 900 micron stripping hole provides broader stripping range
- Extra durable to withstand normal drops without requiring tool realignment
- New gauge color makes fiber and hole identification easier
- Improved comfort-grip handles for an easier, more comfortable stripping process

| Description | Fiber Sizes | Cat. No. |
|--|--------------|----------|
| Lite-Strip™ Optical Fiber Stripper (900µm/250µm) | 125µm, 140µm | 45-350 |

Cable Strippers

45-162



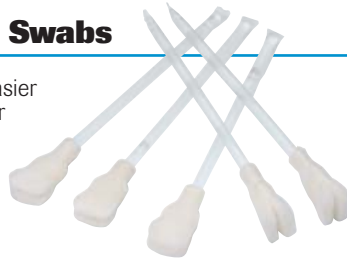
This lightweight, compact stripper is inexpensive and simple to operate.

- Adjustable blades can be set for any depth to help ensure nick-free strips
- Use with twisted-pair wire, tightly wrapped stranded cables, CATV cable, CB antenna cable, SO, SJ, SJT and other types of flexible power cords
- Includes three straight and one round blade

| Description | Cat. No. |
|--|----------|
| Cable Stripper, up to 1/8 in. (3.2 mm) O.D., Gray | 45-162 |
| Cable Stripper, 1/8 in. (3.2 mm) to 7/32 in. (5.556 mm) O.D., Blue | 45-163 |
| Replacement Blade Set for 45-162, 45-163, 45-165 | L-9225 |

Split-Tip Fiber Optic Swabs

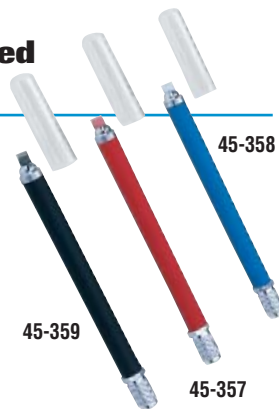
- Split-tip design cleans fiber easier and more efficiently than other methods
- Tube/handle is pre-loaded with 99% isopropyl alcohol
- A single swab can be used for many cleanings or until the alcohol is gone



| Description | Qty. | Cat. No. |
|-----------------------------|--------|----------|
| Split-Tip Fiber Optic Swabs | 20/bag | 45-360 |

DualScribe™ Double-Ended Fiber Optic Scribes

- Three professional quality blade styles to choose from to meet your specific needs – Ruby, Sapphire, Carbide
- Color-coded handles for quick, easy identification
Red – Ruby
Blue – Sapphire
Black – Carbide
- 30° single bevel – DualScribe™ reversible blade doubles tool life
- Soft non-slip grip provides precise control during scribing
- Clear safety cap protects the blades from damage when not in use



| Description | Handle Color | Cat. No. |
|-----------------------------------|--------------|----------|
| Ruby Blade Fiber Optic Scribe | Red | 45-357 |
| Sapphire Blade Fiber Optic Scribe | Blue | 45-358 |
| Carbide Blade Fiber Optic Scribe | Black | 45-359 |

Plastic Polishing Fixture

- Universal fitting accepts all ST®, SC and FC connectors with 2.5mm ferrules
- Economically priced
- Grooved face for polishing efficiency
- Precision tool used by manufacturers, contractors and in tool kits



| Description | Cat. No. |
|---------------------------|----------|
| Plastic Polishing Fixture | 45-342 |

Note: ST® is a registered trademark of AT&T.

Stainless Steel Polishing Fixture for Optical Fiber ST® and SC Type Connectors

Produces polished fiber optic ST® and SC type connectors for optimum connector performance.

- Precision-machined, stainless-steel disk provides accurate polishing angle for desired end face finish
- Stainless-steel hardness maintains long life and resists uneven wear
- Stepped surface reduces drag and friction for easier polishing

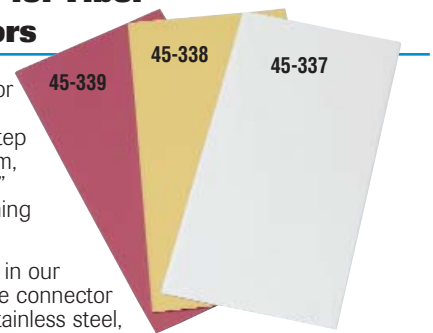


| Description | Qty. | Cat. No. |
|--|------|----------|
| Polishing Fixture for Optical Fiber SC/ST® Type Connectors | 1 | 45-341 |

Note: ST® is a registered trademark of AT&T.

Polishing Films for Fiber Optic Connectors

- For optimum connector polishing results, we recommend a three-step procedure using 0.5µm, 3µm and 12µm 3" x 6" aluminum oxide polishing films
- Lot-to-lot consistency in our films means repeatable connector finishes on ceramic, stainless steel, plastic and composite ferrules
- A single sheet will typically yield 10 to 20 connectors when using the recommended 3-step procedure



| Description | Color | Qty. | Cat. No. |
|--------------------------------|------------|-----------------|----------|
| 0.5µm, 3" x 6", Aluminum Oxide | Ivory | 20 films/sleeve | 45-337 |
| 3.0µm, 3" x 6", Aluminum Oxide | Lt. Yellow | 20 films/sleeve | 45-338 |
| 12µm, 3" x 6", Aluminum Oxide | Lt. Red | 20 films/sleeve | 45-339 |

Fiber Inspection Microscope

45-332



- 100X magnification for viewing multimode connectors
- Includes 2.5mm connector “Universal Adapter” for FC, ST® and SC style connectors
- Oblique illumination provides excellent view of ferrule cleanliness and core condition
- Rugged, rubberized metal housing, precision glass optics and a built-in laser safety filter
- White LED illumination delivers 100,000 hours bulb life
- Soft padded carrying case included
- Battery life 48+ hours
- Compact size 7.5” x 1.96” x 1.18”
- Optional 200X Conversion Eyepiece threads on for viewing finish/polish of singlemode connectors

| Description | Cat. No. |
|--|----------|
| Fiber Inspection Microscope | 45-332 |
| 1.25mm Connector Adapter — LC Connectors | 45-334 |
| MTRJ-Style Connector Adapter | 45-335 |
| 200X Conversion Eyepiece for Singlemode Connectors | 45-336 |

Note: ST® is a registered trademark of AT&T.

VFF5 Visual Fault Finder

Laser light source used to locate breaks, faulty splices and crimps

- Universal 2.5mm interface connects directly to ST®, SC and FC connectors
- Assists in the termination of “no-polish” connectors by indicating proper cleave alignment in connectors such as the MTRJ
- Non-roll design — essential for bench top use when terminating mechanical splices or internal-splice connectors
- Rugged, metal body with protective Santoprene® over-sleeve
- Battery and case included



| Description | Cat. No. |
|---------------------|----------|
| Visual Fault Finder | VFF5 |

Note: ST® is a registered trademark of AT&T.

D



SIGNALTEK FO
IDEAL 03/20/2006 11:56

AutoTest Manual Job Setup
Cable 1001

| Fiber | Test | Result |
|-------|--------------------|---------|
| | Wiremap/Length | Running |
| | Link Establishment | Pending |
| | DHCP | Pending |
| | Ping | Pending |

Run TEMP Copy Recall Test Setup

Test Equipment

SIGNALTEK™-FO Multimedia Qualification Tester



SIGNALTEK-FO is the first Qualification tester that offers both copper and fiber optic testing; and SIGNALTEK-FO does it for less than the price of an Optical Test Set alone.

- Fiber Optic and Copper Gigabit Qualification – Qualify copper and fiber-optic cabling to IEEE 802.3 standards
- Multimedia Gigabit Qualification (Multimode and Single Mode capability) – Qualify short and long range cabling to a distance of up to 10km
- BERT and Optical Attenuation Measurements – Perform Bit Error Rate Testing and decibel (dB) loss measurements of optical links.
- Dual Wavelength Capability – available in both 850nm and 1300nm wavelengths to support virtually all LAN and campus fiber applications.
- Small Form factor Pluggable (SFP) modules are compact, light-weight and field changeable.
- Storage and Reporting for Thousands of Reports – Store and print Qualification reports for copper and fiber jobs using internal memory or USB “thumb-drives”.



| Description | Cat. No. |
|---|----------|
| SIGNALTEK™-FO w/850 Modules | 33-981 |
| SIGNALTEK™-FO w/13X0 Modules | 33-982 |
| SIGNALTEK™-FO w/850 & 13X0 Modules | 33-983 |
| SIGNALTEK™-FO w/o Modules (Fiber-Ready) | 33-987 |

#33-983



SIGNALTEK™-FO Specifications

Ports/Connections

- USB A/B, DC power input
- Shielded RJ-45 Port: Supports 10/100/1000Mbps Ethernet connections
- Small Form-factor Pluggable (SFP): Supports IDEAL SFP modules in 850nm and 1300nm wavelengths, 1000Mbps Ethernet

SFP-850 – 850nm Module

- Class 1 Laser EN60825-1
- Compatible fiber types: 50/125mm or 62.5/125mm graded index multimode fiber
- Power Output (dBm): -9.5min, -3max
- Receiver Power Range (dBm): 0 to -20
- Max Link Length: 550m (1800ft) on 50/125mm fiber; 300m (985ft) on 62.5/125mm fiber
- Operating Temperature: -10 to 85°C (14 to 185°F), 85% RH non-condensing

SFP-13X0 – 1300nm Module

- Class 1 Laser EN60825-1
- Compatible fiber types: 50/125mm or 62.5/125mm graded index multimode fiber and 9/125mm step index single mode fiber
- Power Output (dBm): -9min, -2.5max
- Receiver Power Range (dBm): 0 to -22
- Max Link Length: 550m (1800ft) on 50/125mm fiber; 300m (985ft) on 62.5/125mm fiber; 10km (6.2mi) on 9/125mm fiber
- Operating Temperature: -10 to 85°C (14 to 185°F), 85% RH non-condensing

Length Measurement

- RJ-45 Port: TDR length measurement of 1-4 pair cables to 140m/460 ft.
- SFP Port: No length measurement of fiber optic cables

Bert Error Rate Measurements

- Copper: 10/100/1000Mbps. Error rates tested to IEEE 802.3ab standard
- Fiber: 1000Mbps. Error rates tested to IEEE 802.3ab standard.

Battery Life: Standard AA Alkaline Batteries

- Copper Testing: Approx 15 hours @ 22 tests per hour (45s Autotest)
- Fiber Testing: Recommend use of AC adapters when testing fiber

SIGNALTEK™ Cable Performance Tester

SIGNALTEK™ provides a technically innovative method to test and document performance of voice, data, video, and VoIP applications for cabling installers and network technicians. It tests the link's ability to support applications by transmitting Ethernet packets on the wire and measuring the link performance according to IEEE 802.3ab Gigabit Ethernet standard. By monitoring transmitted and received data packets, it can report the BERT (Bit Error Rate Test) for the link. It uses the latest generation of Gigabit Ethernet technology to provide the best performance to this new class of testers.



Features of SIGNALTEK™

- **Unique** - Simulate real world network traffic with full-duplex gigabit performance testing
- **Unique** - User selectable 10/100/1000 Bit Error Rate Testing (BERT) to ensure performance for all Ethernet devices
- **Unique** - Smart autotest function detects line condition and automatically chooses appropriate test to run to allow testing cable that is terminated with a SIGNALTEK remote, a network device or unterminated
- **Unique** - Save time using the remote to perform 10/100 or gigabit service detection AND initiate an Autotest when main unit is connected
- **Unique** - Maximum flexibility with two USB ports. Connect to a computer to upload test results, connect directly to a printer or connect a USB memory drive for unlimited storage
- **Unique** - Get maximum coverage with a full two-year warranty
- **Unique** - Configure multiple target IP addresses for pinging several network devices to ensure communications with servers, printers, IP cameras, home automation controls, etc.
- Offers network interrogation tools such as link establishment, port LED blink and ping
- Exceeds 100m measurement distance required by IEE 802.3ab gigabit Ethernet standard
- Easy-to-read Pass/Fail performance reports that can be stored and printed for customer documentation
- Multiple BERT configurations for VoIP, data, and video-over-IP specific testing
- Brilliant high-resolution color display visible in any lighting condition
- Uses readily available AA batteries
- Wiremap faults easily with selectable 568 A/B color coding
- TDR to accurately measure length and locate shorts and opens

SIGNALTEK™ Specifications

Cable Types

- Voice/phone cable - USOC/RJ-11/RJ-12 interface
- Data Cable - STP/UTP (RJ-45) for CAT 3/5e/6/6a/7 cabling
- Coax cable - via RJ-45 to F Patchcord, series 6, 59, 58 cabling (50/75 Ohm)

Battery Life: Standard AA Alkaline batteries

- Stand by - 90 days
- Cable testing - 30 hours
- Network monitoring - 4 hours

Physical Dimensions

- Display handset: 7.9" L x 3.6" W x 1.5" D
- Remote handset: 6.8" L x 3.5" W x 1.5" D
- Near-end Weight: 12.5 oz.

Ports/Connections

- RJ-45 test interface port
- Mini USB "A" port
- Standard USB "B" port
- DC power input for long-term network monitoring

| Description | Cat. No. |
|--|--------------|
| SIGNALTEK™ Kit | 33-974 |
| Universal 120-240V Power Adapter | 4010-00-0136 |
| RJ-45 to 8 Head Alligator Clip | K-7920 |
| Replacement Cable Accessory Kit - contains all original cables in SIGNALTEK™ Kit | 1219-91-0003 |

#33-974



LANTEK® 6/6A/7G LAN Cable Certification Testers

LANTEK offers a family of high performance cable certification testers to support a full range of LAN cable testing. The LANTEK family of certification testers uses the IDEAL patented measurement system that removes the effects of ordinary patchcords, thus making channel and permanent link certification of a cable standard such as CAT6a or ISO-F possible without changing adapters. The same patented technology also makes DUALmode Testing possible so the users can get any two test results simultaneously. As a result, the LANTEK Cable Certification Testers save you money and time on the job.

- **LANTEK® 7G 1GHz** is the world's first independently verified Level IV accurate LAN cable certification tester capable of testing installations up to 1 GHz, exceeding the requirements for CAT6a/7/ISO-F.
- **LANTEK® 6A 500MHz** is a Level IIIe verified certification tester designed to support the emerging CAT6a Standard to certify LAN cabling to support applications up to 10G Ethernet.
- **LANTEK® 6 350MHz** is a Level III verified LAN certification tester designed to support up to CAT6/ISO-E cabling.

Features of LANTEK® Products

- **High-Performance LANTEK® 7G/6A/6** – sweeps to 1 GHz and supports testing requirements up to CAT 6/6a/7/ISO-F and beyond
- **Level IV/IIIe/III Accuracy** – independently verified by ETL for baseline, channel and permanent link
- **DUALmode Testing to Save Time** – reports channel and permanent link test results simultaneously
- **Test with Patchcords to Save Money** – performs CAT6A/6/5e/ISO-Ea/E/D testing with standard patchcords to achieve the lowest cost of ownership
- **Largest Internal/External Memory Capacity** – makes record management easy
- **Convenient FIBERTEK™ Accessory** – simultaneously tests two fibers for attenuation and length
- **Innovative TRACETEK™ Accessory** – performs advanced fiber fault location and troubleshooting functions



Test Equipment

Kits Include:

| PACKAGE AND ACCESSORIES | LANTEK6B Basic | LANTEK6ABAS Basic | LANTEK6APREM Premium | LANTEK6ATRV Travel | LANTEK7GBAS Basic | LANTEK7GPREM Premium | LANTEK7GTRV Travel |
|--|-------------------|----------------------|-------------------------|-----------------------|----------------------|-------------------------|-----------------------|
| Soft Carrying Case | ✓ | ✓ | – | – | ✓ | – | – |
| Deluxe Hard Shell Case | – | – | ✓ | – | – | ✓ | – |
| Airline Grade Travel Case with Wheels | – | – | – | ✓ | – | – | ✓ |
| 64MB Compact-Flash Memory Card | – | – | ✓ | ✓ | – | ✓ | ✓ |
| Category 6 Universal Adapters & Reference Cables | ✓ | – | – | – | – | – | – |
| Category 6a Universal Adapters & Reference Cables | – | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| CAT7 (TERA) Adapters & Reference Cables | – | – | – | – | ✓ | ✓ | ✓ |
| Batteries | 2 | 2 | 4 | 4 | 2 | 4 | 4 |
| DUAL Bay Rapid Battery Charger | – | – | ✓ | ✓ | – | ✓ | ✓ |
| Headsets (2), AC Adapters (2), Hanging Straps (2), Serial Cable (1), USB Cable (1), LANTEK Reporter Software (1) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Note: Delivery content may vary outside of US. Please contact your local IDEAL sales office for details.
The airline grade Travel Case fits in most airline overhead storage compartments.

| FEATURES | LANTEK6 Basic | LANTEK6A Premium | LANTEK7G Premium |
|---|------------------|---------------------|---------------------|
| Frequency Range | 350 MHz | 500 MHz | 1 GHz |
| Supports CAT7 & ISO-F | Upgradeable | Upgradeable | ✓ |
| Supports CAT6a | Upgradeable | ✓ | ✓ |
| Support CAT6/5e/3 and ISO-E/D/C | ✓ | ✓ | ✓ |
| Accuracy Level III/IIIe (Draft)/IV (LANTEK6/6A/7G) verified by | ETL | ETL | ETL |
| Support DUALmode Testing to Save Time | ✓ | ✓ | ✓ |
| Test with Patchcords to Save Money | ✓ | ✓ | ✓ |
| Screen Display Area | Best | Best | Best |
| CAT6 Test Storage with Graphs | 500 | 500 | 500 |
| Standard External Compact Flash Memory | Option | 64MB | 64MB |
| USB/Serial Port | ✓ | ✓ | ✓ |
| Copper TDR Trace | ✓ | ✓ | ✓ |
| Fiber Loss Measurement (FIBERTEK) | Option | Option | Option |
| Fiber Distance to Break (TRACETEK) | Option | Option | Option |
| Talk over Fiber & Copper (Full Duplex) | ✓ | ✓ | ✓ |
| Display Screen on Remote | ✓ | ✓ | ✓ |
| Troubleshooting Tone Generator on Remote | ✓ | ✓ | ✓ |
| External Rapid Battery Charger & Extra Batteries | Option | ✓ | ✓ |

| Other Accessories | LANTEK6/6A/7G |
|---|---------------|
| Soft Carry Case | 3010-12-0096 |
| Deluxe Hard Carry Case | 3010-12-0092 |
| Batteries | 1219-00-1604 |
| Serial Cable | 6011-50-0031 |
| 64 MB CompactFlash Card | 2112-27-0605 |
| CompactFlash Card Reader for PC | 2112-27-0604 |
| LANTEK CAT 6/5e Channel Adapters (ea.) | 0012-00-0629 |
| LANTEK CAT 6a/6/5e Channel Adapters (ea.) | 0012-00-0656 |
| LANTEK CAT 6a/6/5e Reference Patchcords (ea.) | 6011-50-0029 |
| Talkset (2) | 3010-70-0015 |
| User Manual | 6510-00-5000 |
| Dual Bay Battery Charger | 0012-00-0642 |
| LANTEK CAT 7 TERA Testing Kit | 1019-00-1105 |
| LANTEK CAT 7 NEXANS Testing Kit | 1019-00-1110 |
| Coax Testing Adapter Kit | 1019-00-0343 |
| 110 Block Testing Adapter Kit | 1019-00-1112 |
| BIX Block Testing Adapter Kit | 1019-00-1114 |
| 66 Block Testing Adapter Kit | 1019-00-1115 |



FIBERTEK™ and TRACETEK™ Advanced Fiber Test Options

Features of FIBERTEK™ Products

- Measures signal loss and length
- 850nm VCSEL light source enables Gigabit Ethernet certification on Multimode fiber
- Enables bi-directional, dual wavelength measurements
- Full duplex talkset capability
- Provides easy switching of LANTEK® Cable Tester between Copper and Fiber LAN testing
- Separate loopback testing method for high precision length
- Outstanding Temperature Compensation provides highly accurate test results in a wide variety of environments



FIBERTEKMMP Multimode Fiber Testing Premium Kit

- All of the features of the FIBERTEKMMB plus TRACETEKMM (below):

FIBERTEKSMP Singlemode Fiber Testing Premium Kit

- All of the features of the FIBERTEKSMB Plus TRACETEKSM (below):

Features of TRACETEK™ Products

- Enables LANTEK® certification testers to provide an event trace at a fraction of the price of an OTDR
- Provides easy switching of LANTEK® certification tester between FIBERTEK™ loss and length measurement and TRACETEK™
- Includes event plots that pinpoint significant losses along the fiber
- Provided with launch cable and appropriate connectors

| FIBERTEK/TRACETEK PACKAGES | FIBERTEKMMB | FIBERTEKMMP | FIBERTEKSMB | FIBERTEKSMP | FIBERTEKALB | FIBERTEKALLP | TRACETEKMM | TRACETEKSM |
|--------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|------------|------------|
| FIBERTEK – 850nm MM Adapter | ✓ | ✓ | | | ✓ | ✓ | | |
| FIBERTEK – 1300nm MM Adapter | ✓ | ✓ | | | ✓ | ✓ | | |
| FIBERTEK – 1310nm SM Adapter | | | ✓ | ✓ | ✓ | ✓ | | |
| FIBERTEK – 1550nm SM Adapter | | | ✓ | ✓ | ✓ | ✓ | | |
| TRACETEK – 1300nm MM Adapter | | ✓ | | | | ✓ | ✓ | |
| TRACETEK – 1310NM SM Adapter | | | | ✓ | | ✓ | | ✓ |
| Fiber Cleaning Starter Kit | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 62.5/50µm, MM, ST-ST Cable Kit | ✓ | ✓ | | | ✓ | ✓ | | |
| 62.5/50µm, MM, FC-ST/FC-SC Cable Kit | | ✓ | | | | ✓ | ✓ | |
| 9µm, SM, FC-ST Cable Kit | | | ✓ | ✓ | ✓ | ✓ | | |
| 9µm, SM, FC-ST/FC-SC Cable Kit | | | | ✓ | | ✓ | | ✓ |

See your IDEAL representative for additional specifications on all certification products.

SecuriTEST™ CCTV/Security Tester

CCTV installers often need to carry a variety of testing tools to complete their work. SecuriTEST combines the most-needed tools in one easy-to-carry package. Since all connections (video/communications/DMM) attach to a single unit, SecuriTEST eliminates the need to juggle several devices while on a ladder or lift, making working conditions safer and increasing productivity.

- Six Essential CCTV Tools – Combines a CCTV video tester, PTZ camera controller, Digital Multi-Meter, UTP cable tester, video test pattern generator and PTZ protocol analyzer in a single compact package.
- Save Time & Money – Test, aim and focus cameras when working alone and save time by not having to walk back to the control center to verify functionality of each camera.
- Compact Design – Combines all the most needed security tools in a lightweight, easy-to-carry unit with a sharp, bright 2.5in (6.3cm) color LCD screen with on-screen displays for PTZ control/diagnostics and DMM readouts.
- PTZ Protocol Analyzer – Compatible with over a dozen PTZ protocols to test and program cameras in the field. Decodes and identifies output from PTZ console to aid in troubleshooting.



| Description | Cat. No. |
|---------------------------------------|----------|
| SecuriTEST™ CCTV/Security Tester only | 33-891 |
| SecuriTEST™ Tester Pouch only | 62-891 |

Includes: Rechargeable batteries, AC charger, car charger, test leads, wiremap terminator, neck strap and manual. 1-year Warranty.



#33-891

VDV MultiMedia Cable Tester

- **Voice** – supports 3-pair USOC and 6-position RJ-11/12 jacks
- **Data** – supports both shielded and unshielded cable testing to T568A/B (RJ-45)
- **Video** – tests coax cable for opens and shorts with F-connector interface
- Tests for opens, shorts, miswires, reversals and split pairs. Also indicates correct wiremap. Has automatic shut off (to prolong battery life) and low battery indicator.
- Easy to read LCD display with “PASS/FAIL” indicator after each test
- Tone generator supports four different tones making fault isolation easier

Integrated RJ-11/12 (phone), RJ-45 (UTP/STP) and Coax (F-Connector) interfaces on top of the unit

Detachable remote with RJ-11/12, RJ-45 and Coax (F-Connector) interfaces.



Large LCD display

Display automatically warns of voltage on lines and shows a Pass or Miswire message after each test.

Remote ID number (flashing) or “S” for shielded (flashing).

A single button push immediately selects between VOICE, DATA or VIDEO testing functions.

TONE button starts “Instant-On” tone generator

| Description | Cat. No. |
|--|----------|
| Kit with integrated remote and accessories | 33-856 |

LinkMaster™ Tester

Tests wiring configurations on UTP/STP cables. Checks for shorts, miswires, reversals and split pairs. Debug feature, automatic shut-off and low battery LED indication.

- Designed to test installed twisted pair wiring
- Tests unshielded and shielded modular plugs
- Main unit and remote allow one person testing



| Description | Cat. No. |
|--|----------|
| LinkMaster™ Tester and Remote (blister card) | 62-200 |

LinkMaster™ PRO and LinkMaster™ PRO XL Testers

The LinkMaster™ PRO & LinkMaster™ PRO XL Testers enable installers, contractors and maintenance technicians to map, test and troubleshoot data and voice communication cable and coax runs. Rugged, versatile, and easy-to-use, they have mastered the link between performance, simplicity and value for both commercial and residential applications.

Features

| Description | LinkMaster™ PRO | LinkMaster™ PRO XL |
|---|-----------------|--------------------|
| Blinks the hub | | ■ |
| Displays length measurement with test results | | ■ |
| Remotes have both RJ-11 and RJ-45 jacks | | ■ |
| Backlight LCD screen | | ■ |
| Measures length on UTP, STP and coax | ■ | ■ |
| Tests UTP for shorts, opens, miswires, reversals, split pairs and shield continuity | ■ | ■ |
| Test coax for opens, shorts and continuity | ■ | ■ |
| Shows wiring errors | ■ | ■ |
| Tests and identifies with all eight twisted pair and coax remotes | ■ | ■ |
| Sends tone with four different signals | ■ | ■ |
| Displays test results in wire map format | ■ | ■ |
| Snap-off battery cap | ■ | ■ |
| 9 volt battery included | ■ | ■ |

Kits and Accessories

| Description | Cat. No. |
|---|----------|
| LinkMaster™ PRO XL Kit w/eight remotes | 33-880 |
| LinkMaster™ PRO XL Kit w/eight remotes & ABS™ Tester | 33-881 |
| LinkMaster™ PRO XL Kit w/eight remotes (international packaging) | 33-886 |
| LinkMaster™ PRO XL Economy Kit w/one remote | 33-887 |
| LinkMaster™ PRO Kit w/eight remotes - Unshielded jumper cables | 33-825 |
| LinkMaster™ PRO Kit w/eight remotes - Shielded jumper cables | 33-826 |
| LinkMaster™ PRO Economy Kit w/one remote - Unshielded jumper cables | 33-835 |
| LinkMaster™ PRO Economy Kit w/one remote - Unshielded jumper cables | 33-836 |
| RJ-45 to RJ-11 jack adapter (2/card) POP Packaging | LA-4233 |
| RJ-45 to F-connector adapter (2/card) POP Packaging | LA-4234 |
| LinkMaster™ PRO XL remotes UTP/STP 2-8 only (white carton) | LA-4235 |
| LinkMaster™ PRO XL large replacement case | H-3412 |
| Security Kit - 8-position modular adapter and eight RJ-45 to alligator clip lead sets | LA-4157 |
| BNC Accessory Kit | LA-4173 |
| Set of eight color-coded F-terminators for LinkMaster™ PRO or PRO XL | LA-4159 |
| LinkMaster™ PRO large replacement case | H-3324 |
| Replacement economy kit case | IA-4868 |

Remote Jack for Patch Cords

Main Jack for all Testing

Larger Backlit LCD Screen

Six Modes of Operation

- Cable Test
- Hub Blink
- Tone
- Length
- Coax
- Setup Mode

Press SEL to:

- Turn on back-light (Hold 2 sec)
- Execute current displayed mode
- Start new test cycle
- Select one of four tones
- Change pair being measured for length
- Change user selectable options
 - Beep On/Off
 - Unshielded or Shielded Cable
 - Units—Feet or Meters

Arrow Keys

- To change length constant
- To change pair or pin selection for tone
- To scroll through setup selectable options



#33-880



#33-887



#33-825



#33-835

Amplifier Probe & Tone Generator and Kits

Amplifier Probe

- Identifies and traces wire or cables within a group
- Battery cap allows quick and easy battery replacement
- Battery low indicator

Tone Generator

- Emits three different types of tones
- Auto-off after three hours of non-use
- Tone can be added in any status

| Description | Cat. No. |
|-----------------|----------|
| Amplifier Probe | 62-164 |
| Tone Generator | 62-160 |



Kits include: Amplifier Probe, Tone Generator, Lead Set, Cable Assembly and flat tip

| Description | Cat. No. |
|----------------------------|----------|
| Kit in soft black pouch | 33-864 |
| Kit in hard gray case | 33-862 |
| Replacement Tip – Standard | LA-4145 |
| Replacement Tip – Flat | LA-4144 |

TRACETone™ Tone Generator & Amplifier Probe

- Test continuity and locate signal of installed wire and cable
- Two selectable tone styles
- Tone Generator & Amplifier Probe fit together for easy storage
- Extra-deep serrations grips wire better
- RJ-11 Alligator Clip, RJ-11 Cable Assembly included



| Description | Cat. No. |
|--|----------|
| TRACETone™ Tester and Accessories (blister card) | 62-140 |

ABS™ Tester & ABS™ Signal Thrower™ and Kits

ABS™ Tester

- Amplifier probe with telephone troubleshooting capabilities
- Tone TRACE feature detects tone signal
- Receives and reproduces telephone system dial tone
- Indicates call addressing for correct telephone number
- Polarity indicator tests for correct wiring and power

ABS™ Signal Thrower™

- Works with the ABS™ Tester to locate and identify cables
- Emits three different types of signals
- Auto-off after three hours of non-use

| Description | Cat. No. |
|----------------------|----------|
| ABS™ Tester | 62-180 |
| ABS™ Signal Thrower™ | 62-184 |



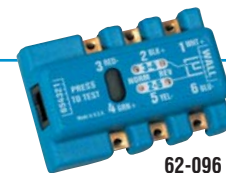
Kits include: ABS™ Tester, ABS™ Signal Thrower™, Lead Set and Cable Assembly

| Description | Cat. No. |
|-------------------------|----------|
| Kit in soft black pouch | 33-854 |
| Kit in hard gray case | 33-852 |
| Kit on blister card | 62-188 |

Modular Adapters

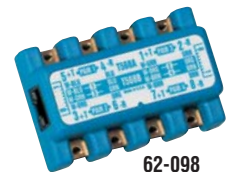
Smart6™ Modular Tester

- 6-position Tester
- Incoming call identification



Data8™ Modular Adapter

- 8-position Adapter
- High-performance jack
- Internal circuit design to reduce attenuation, coupling, NEXT



| Description | Cat. No. |
|------------------------|----------|
| Smart6™ Modular Tester | 62-096 |
| Data8™ Modular Adapter | 62-098 |

Stripmaster® Wire Strippers

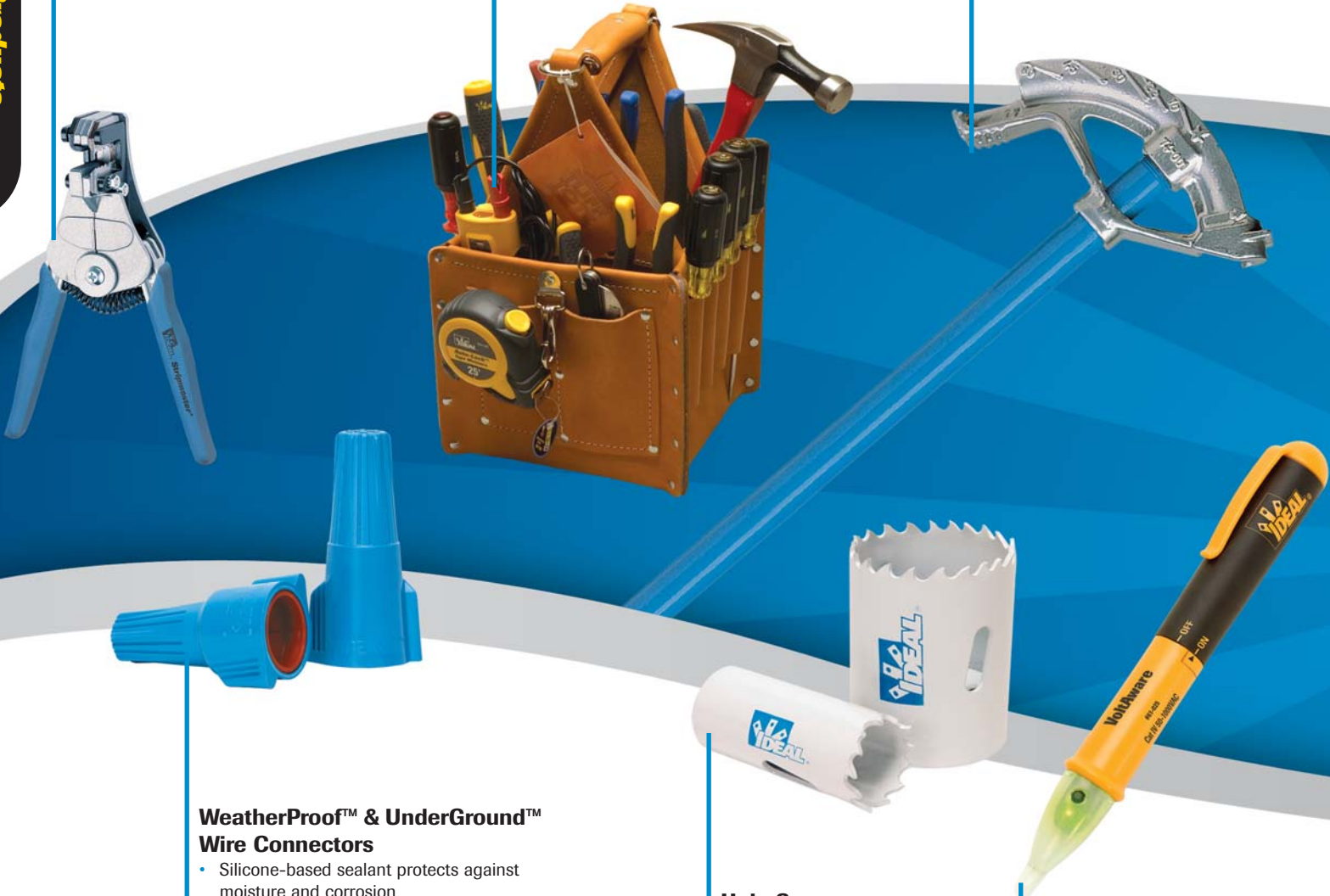
- One-step stripping enhances productivity
- Spring-action motion increases leverage and reduces operator fatigue
- Precision-ground, knife-type blades provide clean, accurate stripping
- Sturdy die cast frame provides long-term durability

Tuff-Tote™ Leather Tool Carriers

- Convenient 6 in. x 8 in. tool carrier with four center screwdriver slots, two interior compartments, two divided outside pockets and four outside tool loops

Benders

- Lightweight aluminum for easy handling
- Strong enough for every day use



WeatherProof™ & UnderGround™ Wire Connectors

- Silicone-based sealant protects against moisture and corrosion
- UL Listed to 486D for use in damp/wet locations or direct burial
- Easy to apply, pre-filled twist-on wire connectors

Hole Saws

- Thicker, FLEX FREE backing plate for clean true holes and longer tool life
- Improved bi-metal construction for long life and durability
- Variable pitch tooth geometry for fast cutting and reduced vibration

VoltAware™ NCV Tester

- Indicates presence of voltage from 40-1000VAC
- Visual indication of voltage
- Selectable audible indication of voltage
- Sleek, compact design
- Green LED indicates power on

Velocity™ Wire Pulling Lubricant

- High cling factor
- Maximum friction reduction
- Specification grade
- Compatible with all popular cable types
- Temperature stable



Kinetic™ Reflex™ T®-Stripper Wire Strippers

- Non-slip santoprene™ textured grips and thumb rest
- Plier nose for holding and twisting wires
- Slide lock for safety and storage
- Thumb and finger valley makes stripping easier and more accurate



Twister® Pro Wire Connectors

- SureGrip™ overmolding provides better grip for improved leverage and more torque
- Comfortable swept wings designed to help reduce hand fatigue
- Expanding square-wire spring provides a secure connection every time

BUCHANAN B-CAP® Wire Connectors

- Three color-coded models cover a full range of wire sizes from 22 AWG through 6 AWG
- Classic Fin™ design provides secure grip for extra leverage on maximum wire combinations
- Live-action spring expands to accept wire shape and size - no pre-twisting required



Industrial Clamp Meters

- 600 and 1000 amp clamps for a variety of industrial and commercial environments
- Unique TightSight™ bottom display makes hard-to-reach measurements convenient
- New easy-to-read displays feature large numbers and green glowing backlight



Tuff-Grip™ Pro Fish Tapes

- Tuff-Cuff™ tape retaining feature keeps tape properly positioned in the opening
- Full-perimeter handle band helps keep dirt and moisture out, prolonging life
- Easier to install replacement tapes
- Superior pull-out and rewind characteristics



WireMan™ Pliers

- Large head for extra strength
- High leverage rivet requires less cutting force
- Custom hardened tool steel for durability
- Cross-hatched jaws so wires won't slip when pulling

TERMINATING COAXIAL CONNECTORS

Cable Types

There are three basic communications cables used. They are coaxial cable for video applications, Cat5e UTP cable for data networking and Cat 3 used in telephone applications.

Coax Cable

RG-59 Generally not recommended anymore for CATV or Satellite. Smaller 22 AWG center conductor with 40% braiding, thinner in diameter than RG-6. Loses 80-90% of a signal every 100 ft.

RG-6 Is recommended by CATV and Satellite. 18 AWG center conductor with 60% braiding. Loses about 50% of the signal every 100 ft.

RG-6 Quad Is double shielded with two layers of foil and braiding with a 18 AWG center conductor. Use where extra protection from outside interference is needed. Loses about 50% of the signal every 100 ft.

Category 3, 5e, and 6

Cat 3 Cable Primarily used for phone applications where wiring is ran behind walls and is recommended by the FCC for phone use. Can be used by Data networks that are limited to 10 Mbs. Available in 2 and 4 pairs

Cat 5e and 6 Cable Used for Data networking of computers together. Cat 5e can be used for computer networks up to 1000 Mbs and Cat 6 is used for networks up to 250 MHz.

Cat 3, Cat 5e and Cat 6 cables twist the individual pairs to reduce noise or interference between the pairs that provides a stronger signal.



Coax Connector Types

Typical coaxial cable connectors used for CATV, satellite and video applications are called "F" connectors. Available in a compression, one-piece crimp, push-on, and a twist-on style. For security applications, BNC style connectors are used. They are available in crimp or compression style.

Twist On are the easiest to use but can be pulled off the end of the cable. Crimp On have been the standard connector used for many years. Push On are a great alternative and really stay on the end of the cable and require no extra tools to install. Compression connectors add a watertight seal and are recommended by satellite and CATV providers.

The connectors are available for RG-59, RG-6 and RG-6 Quad coaxial cables. Make sure to match the connector to the type of coaxial cable you're installing.

COAXIAL/CONNECTOR SELECTION GUIDE

Compression



Push-On



Crimp-On



Twist-On



Best
Connection



Better
Connection



Good
Connection

Connector Termination Instructions

COAXIAL/CONNECTOR SELECTION GUIDE

Pro—Compression Connector

Professionals use compression connectors because they are approved by cable and satellite providers. However, they are easy enough for anyone to install. The connector is permanent and does not pull off the cable and provides a watertight connection.



Best—Push On Connector

After stripping the cable and folding back the braiding, the connector is “pushed” onto the cable until the white dielectric is even or flush with the small opening. The push-on connector is a permanent termination and cannot be pulled off.



Better—Crimp On Connector

Crimp On connectors use a crimping tool to install the connector onto the end of the cable. After stripping the cable, the connector is pushed onto the cable. Simply load the connector into the correct hole in the tool and squeeze the tool until it releases (more detailed instructions included with tool).



Good—Twist On Connector

Twist On connectors simply thread onto the outer jacket of the cable after it has been stripped. They require no additional tools to install. Just twist the connector onto the cable until it is fully seated.



DEFINITION OF TERMS

Braid

Same as shielding- Typically made from a number of smaller aluminum or copper conductors interwoven together to form an outer conductor around the dielectric core. The braiding stops lower frequency noise from interfering with the signal traveling down the center conductor.

Center Conductor

RG-6 and RG-6 Quad have a 18 AWG copper coated steel conductor that carries the signal.

Dielectric

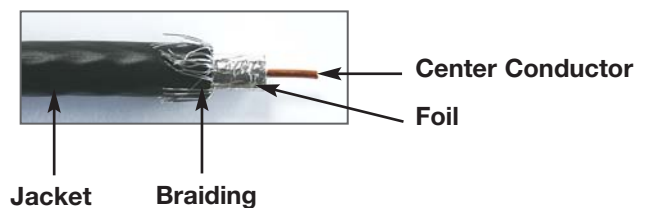
Insulation used to separate between the center conductor and braid/shielding conductor of coax cable.

Foil

The foil shield stops higher frequency noise (RFI) from interfering with the signal traveling down the center conductor.

Jacket

Outer material serves as a protective covering from the environment and may also add in the overall flame retardant properties of the cable.



COAXIAL INSTALLATION STEPS

Step 1

Choose the right connector from the selection guide.

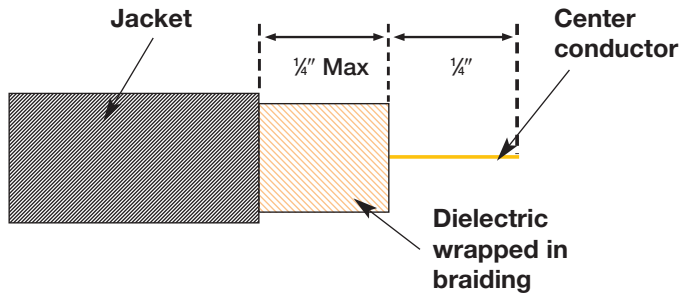
Step 2

Cut Cable



Data T®-Cutter
Cat. No. 45-074

Cut cable using a round cutter to maintain cable geometry.



Step 3

Strip Cable

BNC compression and all F-connectors require a two step 1/4 in. x 1/4 in. strip. Crimp BNC require a 3 step strip. (See product packaging for instructions.)



Coax Stripper
Cat. No. 45-603

Strip cable by inserting cable into stripper and rotate stripper multiple times.



Fold back braiding

Fold back braiding over outer jacket of cable. Place connector onto cable until white dielectric is even with center hole of connector.

TERMINATING A DATA JACK

Step 4 - Terminate

Compression F-Style

Place the connector onto the end of the cable until the white dielectric is flush with the center hole of the connector. Insert the connector into the tool and squeeze the handle until the connector is fully compressed.

Crimp F-Style

Insert stripped cable into connector until the white dielectric is even with the center hole. Crimp per tool's instructions.

Compression BNC

Insert stripped cable into BNC connector until the white dielectric reaches a point where you can feel the center conductor connect with the inner center pin socket.

Compress per your tool's guidelines.

(NOTE: To help approximate how much cable to push into the connector for the center conductor to grab, you can do the following: Hold stripped cable against the connector as shown in photo to the right. End of center conductor should line up with movable portion of connector. Mark cable where it meets end of conductor. This mark shows how far to insert cable fully seat conductor.)



Cat. No. 30-603



Finished connector



Connector Termination Instructions

TERMINATING A DATA JACK

Step 5 - Testing

Test the cable with a continuity tester to make sure cable is properly terminated with no opens or shorts.



LinkMaster® Pro XL
Cat. No. 33-880



VDV MultiMedia Tester
Cat. No. 33-856

DATA WIRING

Cable Pulling Tips

Maximum pulling tension—25 lbs.

Minimum bending radius—4 times diameter of cable

12 in. from power lines

4 ft. from motors or transformers

12 in. from fluorescent lighting

Should cross perpendicular to power lines

Cable untwisting allowed after termination:

3 in. for Category 3 cable

0.5 in. for Category 5e and Category 6 cable

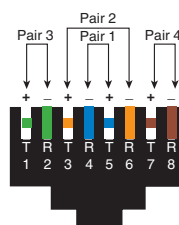
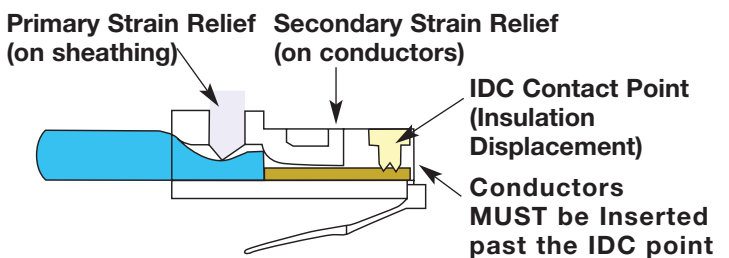
Avoid kinking or bending cable. Cable ties should not be overly tight. Don't use standard staples to support cable as they may crush the cable.

What are RJ-45 Modular Plugs?

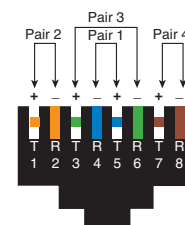
All Category 3 (16 MHz), 5e (100 MHz), and 6 (250 MHz) UTP cables that connect computers and other networked equipment together are terminated with an 8-position modular plug. The completed cable, typically called a patch cord, is terminated with an RJ-45 connector on each end. All computers use this style connector and is very common in the industry. It can also be used for 4 line telephone systems.

Use quality connectors, make sure the plugs you buy are rated for data applications. They should also be rated for the type of UTP cable being used, either solid or stranded cable. If you use stranded rated plugs on solid Cat 5e cable the result will be opens in the connections. However, you can use solid modular plugs on solid or stranded cable.

The cable must be terminated to the EIA/TIA wiring standards. Shown to the right are the wiring orders for the connector. Typical patch cords terminate the connections the same way on both ends of the cable. Crossover cables are sometimes needed, wire one end in 568A to other 568B.



T568-A*



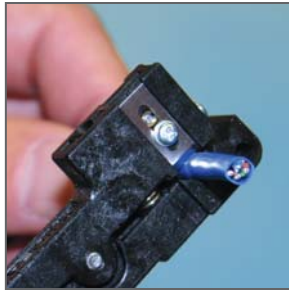
T568-B (AT&T)

Note: Diagrams reflect flat surface of modular plug facing up, with tab side down.

TERMINATING DATA MODULAR PLUGS

Step 1

Strip back 2 in. of outer jacket.



Cat. No. 45-165

Step 2

Separate pairs into proper sequence either EIA/TIA 568 A or B.

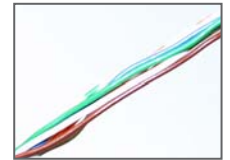
(NOTE: Wiring configurations reflect flat surface of the modular plugs facing up, with tab side down.)



T568A



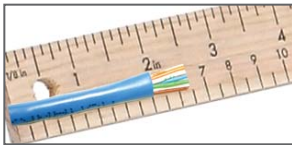
T568B



Flatten all pairs together

Step 3

Flatten the pairs so they are close together and in the right color sequence. Then trim them to 1/2 in. from the outer jacketing. Slip plug onto the cable as shown. Gold pins of plug are facing the installer. Otherwise, the resulting connection will be mis-wired.



Trim conductors 1/2 in.



Insert wire pairs into plug

Step 4

Terminate the plug using a modular plug crimping tool. Simply insert it into the RJ-45 die in the tool and squeeze the handles firmly.



Cat. No. 30-522

TESTING DATA MODULAR PLUGS

Testing

Test the cable with a continuity tester to make sure cable is properly terminated with no opens, shorts, reversals, or miswires.



LinkMaster™
Cat. No. 62-200

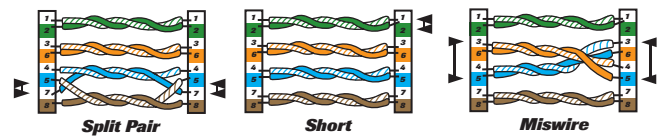


LinkMaster™
Pro XL
Cat. No. 33-880



VDV MultiMedia
Tester
Cat. No. 33-856

Wire Error Definitions



Connector Termination Instructions

TESTING DATA MODULAR PLUGS

Typical Questions

How to decide which wiring configuration to use:

EIA/TIA T568A and T568B:

Definition - A predetermined wiring order of individual conductors in a cable, based on the color of the conductor's outer sheathing.

Does the job specification call out a wiring configuration?

Does the customer/end user have a preference for T568A or T568B?

Are you adding on to an existing wiring structure? If so, your new cabling should match the existing wiring.

If none of the factors above apply, either T568A or T568B may be used. It is important to ensure that the workstation connectors and the patch cord are wired to the same pattern. T568B is commonly used in commercial installations, while T568A is prevalent in residential installations.

DATA JACK

What is a Data jack?

These terminations for Category cables like Cat 5e and Cat 6 cable for data applications are very common today. An installer will terminate the jack using a punchdown tool as shown. Refer to the jack manufacturer for instructions on how to properly install the cable into the jack.



CAT 5e



Punch Down tool
with 110 blade
Cat. No. 35-485



Cutting
edge



110 Blade
Cat. No. 35-495



110/66 Blade
Cat. No. 35-407

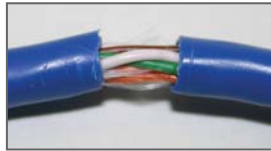
TERMINATING A DATA JACK

Step 1

Strip back 2 in. of outer jacketing of cable. Avoid damaging or nicking of the pairs.



Score cable with stripper
Cat. No. 45-165



Bend cable, remove jacket

Step 3

Terminate the wires into the slots on the jack by using a punch down tool as shown. Make sure cutting edge of blade is on outside of jack.

USE LOW IMPACT SETTING FOR JACKS



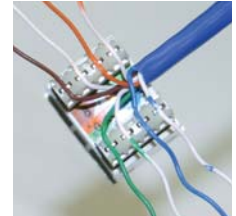
Terminated Jack

Step 2

Determine the wiring configuration to use. Separate the pairs and insert them into the colored slots. The jack will have both wiring codes printed on it. No more than 1/2 in. of each pair should be left untwisted.



T568A
or
T568B



Step 4

Testing the connections.

Once you have everything terminated it is advised to test the cabling using a wiremap tester.

Tester Choices



VDV MultiMedia
Tester
Cat. No. 33-856



LinkMaster™
Cat. No. 62-200



LinkMaster™
Pro XL
Cat. No. 33-880

TERMINATING TELEPHONE MODULAR PLUGS

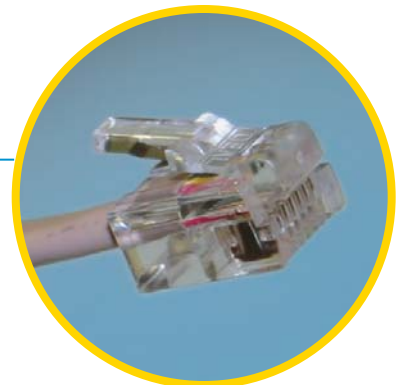
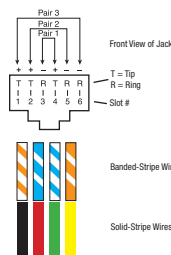
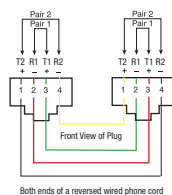
What is an RJ-11 Modular Plug?

Telephones use patch cords to connect to the wall outlet. The cables are terminated with an RJ-11 Modular Plug. RJ-11 is a 2 pair or 4 wire connector which supports up to two phone lines.

All phone cords are wired where the two ends of the cable are wired exactly opposite of each other.



Cat. No. 30-496



CAT 3

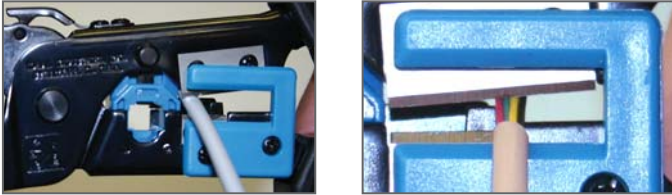
CAT 5e

Connector Termination Instructions

TERMINATING TELEPHONE MODULAR PLUGS

Step 1

Trim end of cable and strip back 1/4 in. of outer jacket of cable with tool as shown.

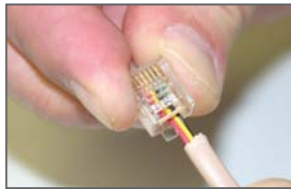


Cat. No. 30-496

Strip outer jacket and trim cable to 14 in.

Step 2

Insert stripped wires into RJ-11 plug (follow below color codes). Maintain the order of the wires while inserting into plug.



Step 3

Insert connector into RJ-11 die nest in middle of tool. Squeeze handles firmly to crimp the connector.



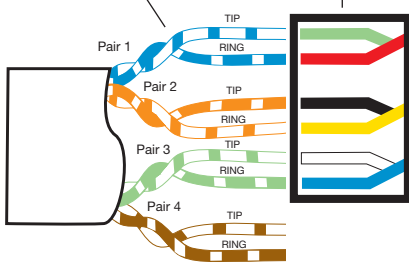
Step 4

Test the cable with a continuity tester to make sure cable is properly terminated with no opens, shorts or miswires.



Wire Color Codes – Convert “Old” to New

A. Band Twisted-Pair Wire B. Solid Twisted-Pair Wire



Standard 4-Pair Wiring Color Codes

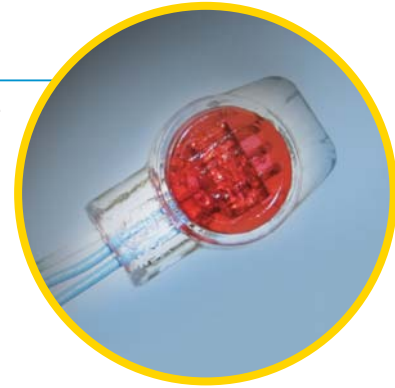
| | | |
|--------|--------|------------------------|
| PAIR 1 | T R | White/Blue Blue |
| PAIR 2 | T R | White/Orange Orange |
| PAIR 3 | T R | White/Green Green |
| PAIR 4 | T R | White/Brown Brown |

Note: For 6-wire jacks use pair 1, 2 and 3 color codes. For 4-wire jacks use pair 1 and 2 color codes.

SPLICING CONNECTIONS

IDC Connections – “Jelly Beans”

These telephone connectors are used to splice or tap telephone wires together. They are moisture resistant to prevent corrosion. Designed for use on solid copper conductors.



Insert wires and squeeze with IDC tool.

Cat. No. 45-719



Cat. No. 85-925



Cat. No. 85-900



Cat. No. 85-950

3 Wire Butt Splice

Splices or taps up to three wires 19-26 AWG. Used to splice telephone wires together to run an extension to another phone.

2 Wire Tap Splice

Taps a telephone wire 22-26 AWG. Used to splice telephone wires together to run an extension to another phone. Unique groove allows the installer to Tap the line without cutting or disrupting the service.

2 Wire Butt Splice

Splices two wires together 22-26 AWG. Used to connect broken or cut telephone wires back together.

Connector Termination Instructions

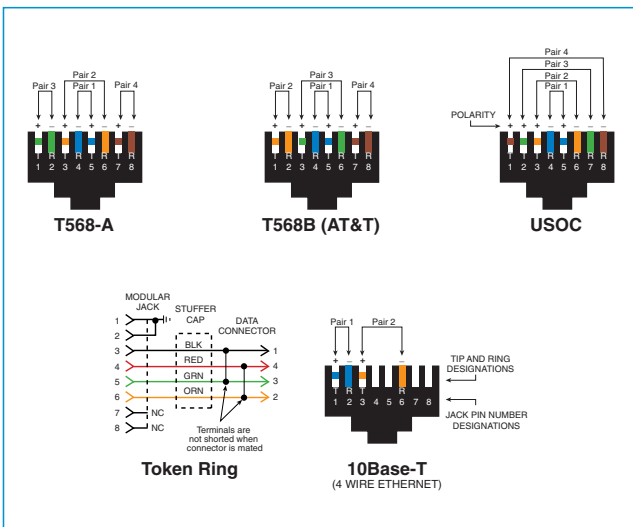
Fiber Optic Color Codes

| Fiber # | Color |
|---------|--------|
| 1 | Blue |
| 2 | Orange |
| 3 | Green |
| 4 | Brown |
| 5 | Slate |
| 6 | White |
| 7 | Red |
| 8 | Black |
| 9 | Yellow |
| 10 | Violet |
| 11 | Rose |
| 12 | Aqua |

TIA/EIA-606 Standards

| Color | Description |
|--------|--|
| Orange | Demarcation point |
| Green | Network connections on customer's side |
| Purple | Common equipment |
| White | 1st level backbone |
| Gray | 2nd level backbone |
| Blue | Horizontal cabling (closet end only) |
| Brown | Interbuilding backbone |
| Yellow | Auxiliary circuits |
| Red | Key telephone systems |

Wiring Configurations for Modular Plugs

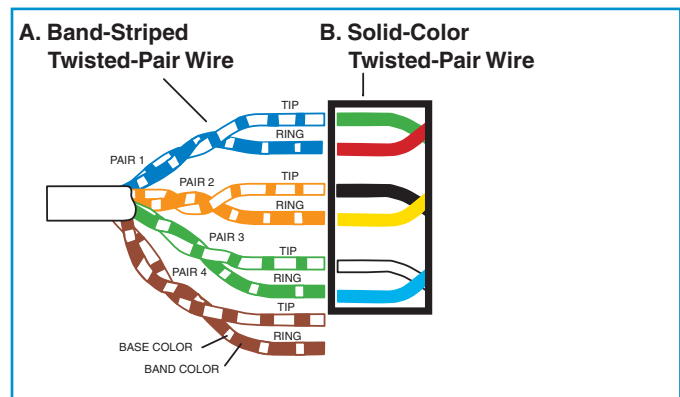


Note: Diagrams reflect flat surface of modular plug facing up, with tab side down.

25-Pair Color Codes

| Color | | Description | Color | | Description |
|---------|---|--------------|---------|---|---------------|
| Pair 1 | T | White/Blue | Pair 14 | T | Black/Brown |
| | R | Blue | | R | Brown |
| Pair 2 | T | White/Orange | Pair 15 | T | Black/Slate |
| | R | Orange | | R | Slate |
| Pair 3 | T | White/Green | Pair 16 | T | Yellow/Blue |
| | R | Green | | R | Blue |
| Pair 4 | T | White/Brown | Pair 17 | T | Yellow/Orange |
| | R | Brown | | R | Orange |
| Pair 5 | T | White/Slate | Pair 18 | T | Yellow/Green |
| | R | Slate | | R | Green |
| Pair 6 | T | Red/Blue | Pair 19 | T | Yellow/Brown |
| | R | Blue | | R | Brown |
| Pair 7 | T | Red/Orange | Pair 20 | T | Yellow/Slate |
| | R | Orange | | R | Slate |
| Pair 8 | T | Red/Green | Pair 21 | T | Violet/Blue |
| | R | Green | | R | Blue |
| Pair 9 | T | Red/Brown | Pair 22 | T | Violet/Orange |
| | R | Brown | | R | Orange |
| Pair 10 | T | Red/Slate | Pair 23 | T | Violet/Green |
| | R | Slate | | R | Green |
| Pair 11 | T | Black/Blue | Pair 24 | T | Violet/Brown |
| | R | Blue | | R | Brown |
| Pair 12 | T | Black/Orange | Pair 25 | T | Violet/Slate |
| | R | Orange | | R | Slate |
| Pair 13 | T | Black/Green | | | |
| | R | Green | | | |

Wire Color Codes



Standard 4-Pair Wiring Color Codes

| | | |
|--------|---|--------------|
| PAIR 1 | T | White/Blue |
| | R | Blue |
| PAIR 2 | T | White/Orange |
| | R | Orange |
| PAIR 3 | T | White/Green |
| | R | Green |
| PAIR 4 | T | White/Brown |
| | R | Brown |

Note: For 6-wire jacks use pair 1, 2 and 3 color codes. For 4-wire jacks use pair 1 and 2 color codes.



Data T[®]-Cutter (45-074)

- Maintains cable geometry for better cable performance
- Cuts multi-pair cable up to .500 in. (12.7mm) and coaxial cable up to RG-9/U
- Suitable for soft cables



Mini Compression Connectors (89-014SM, 89-014SMRCA)

- For use with most 21 - 25 AWG mini coax cable
- Nickel plated corrosion resistant body
- Mini RCA head is gold plated for superior contact performance
- Bandwidth is 5 Mhz - 3 GHz, Impedance is 75 Ohms (nominal), return loss min. -30 dB @ 3GHz



OmniSeal[™] Pro Compression Tool (30-603)

- Compresses F-type, Mini F-type, RCA and Mini RCA connectors
- Adjustable
- Factory pre-set to work with ALL IDEAL compression connectors and most major manufacturer's RG-59, RG-6, RG-6 Quad and RG-11 connectors

Coax/UTP Stripper (45-603)

- Features two active strip cartridges for all RG59, RG6, RG6 Quad and UTP cables
- Push on ring for easy cable into connector insertion
- Rotates easily around finger
- No blade depth adjustments required



OmniSeal[™] Compression Pro XL Tools (30-793)

- Compresses F-type, Mini F-type, RCA, Mini RCA and BNC connectors
- Adjustable
- Factory pre-set to work with ALL IDEAL compression connectors and most major manufacturer's RG-59, RG-6, RG-6 Quad and RG-11 connectors

2.3GHz Satellite/Digital TV Splitter (85-332, 85-333, 85-334)

- Splits signal up to 2.3 GHz required for good satellite TV performance
- Has power pass capability required for satellite TV installations
- Corrosion resistant – can use outside or inside
- Splitters also available for Digital and Analog TV (85-132, 85-133, 85-134)
- CATV Cable Splitter (85-032, 85-033, 85-034)

Universal Coax Compression Connectors

- One connector for all cable types within a given RG series



Plenum
RG-6
(89-060P)



Universal
RG-6
(89-060)



Universal
RG-59
(89-059)



Universal
RG-11
(89-011)

Residential Coax Application Guide

F/BNC Connector Tool (35-046)

- New and improved
- One tool works on F & BNC crimp and compression connectors
- Eliminates finger/hand fatigue attaching and detaching connectors to equipment

LinkMaster™ PRO XL (33-880)

- Tests for wiremap, miswires, opens, shorts, reversals, and split pairs
- Blinks the hub
- Tests up to 8 jacks/locations with 8 different remotes
- Measures length
- Easy to read backlit LCD screen

VDV MultiMedia Cable Tester (33-856)

- One tester for video (F-Connector), data (RJ-45) and voice (RJ-11, 12) applications
- Tests for wiremap, miswires, opens, shorts, reversals, and split pairs



Economy Compression Kit (33-620)

- Great for starting out with compression technology
- Everything you need to terminate a coax compression connector
 - Data T®-Cutter (45-074)
 - 2-Step Stripper (45-526)
 - Economy Compression Tool (30-633)
 - 10 RG-59 Compression Connectors (89-054)
 - 10 RG-6 Quad Shield Compression Connectors (89-056)
 - 20 RG-6 Compression Connectors (89-055)

Compression Coax F-Connectors



RG-6 Connector (89-055)



RG-6 Quad Shield Connector (89-056)



RG-59 Connector (89-054)



| Item | Page |
|--|-----------------------------------|
| 110 Turn-Lock™ Blade..... | A-7, B-10 |
| 110/66 combo blade w/cutting edges | A-5, A-6, A-8, B-11, B-9 |
| 4-Way Indent Crimp Tool | B-4 |
| 5-in-1 Screwdriver/Nutdriver | A-8 |
| 66 Turn-Lock™ Blade | A-5, A-7, A-8, B-10, B-11 |
| 8-Way Digital Cable Splitter | B-8 |
| A | |
| ABS™ Signal Thrower™ | A-7, B-10, D-9 |
| ABS™ Tester | A-7, B-10, D-9 |
| ABS™ Tester & ABS™ Signal Thrower™ Kit | D-9 |
| Adapters, Modular | D-9 |
| Amplifier Probe | A-6, A-7, A-8, B-9, B-11, D-9 |
| Amplifier Probe and Tone Generator Kit | D-9 |
| B | |
| Basic Data and Video Kit | A-5, B-9 |
| Bix® blade..... | A-5 |
| BNC Coaxial Connectors..... | B-12 |
| BNC Compression Connectors..... | B-7, B-10 |
| BNC/TNC & F-Series Connector Removal Tools | B-12 |
| C | |
| Cable Cutter | A-8 |
| Cable Service Kit | A-7 |
| Cable Service/Termination Kit | A-7, B-10 |
| Cable Splicing Kit..... | A-3 |
| Cable Splicing Knife & Leather Holder | A-3, A-8, B-11 |
| Cable Strippers..... | C-3 |
| Cable TV Splitters..... | B-8 |
| Cable, CAT 5e..... | A-10 |
| CAT 5e Cable | A-10 |
| CAT 6 Modular Plugs | A-10 |
| CATV Wallplates | A-9, B-9 |
| Center Conductor Cutter | A-2, A-7, B-3, B-10 |
| CMP Compression Connectors..... | B-7, B-10 |
| Coax Connector Kit | B-7 |
| Coax Connector Tool | A-6, A-8, B-7, B-9, B-11 |
| Coax Strip and Crimp Tool..... | B-4 |
| Coax Strip and Crimp Tool Kit..... | B-4 |
| Coax Stripmaster® Wire Stripper | B-3, B-9, B-10 |
| Coax Stripper | A-6, A-7, A-8, B-3, B-9B-10, B-11 |
| Coax/Twisted Pair Termination Kit | B-10 |
| Coax/UTP Cable Stripper | A-2, B-3 |
| Coaxial Connectors, BNC | B-12 |
| Coaxial Selection Chart..... | B-2 |
| Compression Connector Installation Kit..... | B-9 |
| Compression Connectors, BNC..... | B-7 |
| Compression Connectors, CMP | B-7 |
| Compression Connectors, Universal..... | B-7 |
| Compression F-Connector Port Seals..... | B-7 |
| Compression Kit, Economy | B-10 |

| Item | Page |
|---|---|
| Compression Kit, Residential | B-10 |
| Compression Kit, Service..... | B-10 |
| Compression Tool..... | B-5 |
| Compression Tool Kit, Economy..... | B-6 |
| Compression Tool, OmniSeal™ Pro XL | B-6 |
| Compression Tool, OmniSeal™ Pro | B-6 |
| Compression Tool, Economy..... | B-6, B-9, B-10 |
| Compression Tools, OmniSeal™ | B-5, B-6 |
| Compression Tools, OmniSeal™ Pro | B-5 |
| Compression, Mini F-Connectors | B-7 |
| Compression, Mini RCA Connectors | B-7 |
| Connector Kit, Coax | B-7 |
| Connector Removal Tools, BNC/TNC & F-Series..... | B-12 |
| Connector Tool, Coax | B-7 |
| Connector, F-Series Coaxial Crimp | B-5 |
| Connector, F-Series Coaxial Twist | B-5 |
| Connectors, BNC Coaxial | B-12 |
| Connectors, BNC Compression | B-7, B-10 |
| Connectors, CMP Compression | B-7 |
| Connectors, Mini Compression F..... | B-7 |
| Connectors, Mini Compression RCA | B-7 |
| Connectors, Push-On F..... | B-7 |
| Connectors, Universal Compression | B-7, B-10 |
| Crimp Connector, F-Series Coaxial | B-5, B-9 |
| Crimp Tool, 4-Way Indent..... | B-4 |
| Crimp Tool, Crimpmaster™ | A-4, A-6, A-7, B-4, B-5, B-9, B-10 |
| Crimpaster™ Crimp Tool..... | A-4 |
| Crimpmaster™ 10Base-T RJ-45 Crimping Kit | A-6 |
| Crimpmaster™ Crimp Tool | B-4, B-5 |
| Crimpmaster™ Twisted Pair Kit..... | A-6 |
| Crimpomaster™ F-Type (CATV) Connectors Kit | B-9 |
| Cutter II, Data T™ | A-2 |
| Cutter, Center Conductor..... | A-2, B-3 |
| Cutter, Data T™..... | A-2, B-3 |
| Cutter, Data T™-II | B-3 |
| Cutter, Economy Round Cable and Wire | A-2 |
| Cutter, Serrated with Breaker Notch | C-2 |
| Cyclops® Data Cable Stripper..... | A-3 |
| D | |
| Data T™- Cutter..... | A-2, A-5, A-6, A-7, A-8, B-3, B-9, B-10, B-11 |
| Data T™-Cutter II | A-2, B-3 |
| Data/Video Kit | A-6, B-9 |
| Delux Cable Service Kit | A-7 |
| Die Sets, Crimpmaster™ | A-4 |
| Die Sets, Crimpmaster™ Replacement for Modular Plugs..... | A-4 |
| Die Sets, Crimpmaster™ Replacement for Modular Plugs..... | A-4, A-6, A-7, B-10 |
| Digital Cable and Sattelite Splitters..... | B-8 |
| Digital Cable, 8-Way Splitter | B-8 |
| Diplexer..... | B-8 |
| D-Sub/Double-D Service Tool | A-4 |

| Item | Page |
|---|-------------------------------|
| DualScribe™ Double-Ended Fiber Optic Scribes | C-3 |
| E | |
| Economy 10Base-T Kit | A-6 |
| Economy CATV Compression Kit..... | B-9 |
| Economy Coax Cable Stripper | A-5, B-3, B-9, B-11 |
| Economy Coax Cable Stripper Kit | B-3 |
| Economy Compression Kit | B-10 |
| Economy Compression Tool | A-5, B-5, B-6 |
| Economy Compression Tool Kit..... | B-5, B-6 |
| Economy Data and CATV Kit | B-9 |
| Economy Dund Cable and Wire Cutter | A-2 |
| Electrician's Scissors..... | A-3 |
| Electrician's Scissors w/ Stripping Notches..... | A-3, A-6, A-7, A-8, B-9, B-10 |
| F | |
| Female Adapter, F-Series..... | B-5 |
| Fiber Inspection Microscope | C-4 |
| Fiber Optic, Split-Tip Swabs | C-3 |
| Fiberglass Handeld Hammer..... | A-8 |
| FIBERTEK™ Advanced Fiber Test Options | D-6 |
| F-Series & BNC/TNC Connector Removal Tools..... | B-12 |
| F-Series Coaxial Crimp Connectors | B-5 |
| F-Series Coaxial Twist Connector | B-5 |
| G | |
| Grounding Block..... | B-8 |
| I | |
| In Wall Speaker Wire..... | A-10 |
| Installer's Kit | A-8 |
| Insulation Displacement Connectors | A-10 |
| J | |
| Jab Saw..... | A-8, B-11 |
| Jacket Stripper, Simplex/Duplex 3mm | C-2 |
| Journeyman's Electrician's Tote™ | A-5, A-7, B-9 |
| K | |
| Kit, ABS™ Tester and ABS™ Signal Thrower™ | D-9 |
| Kit, Amplifier Probe and Tone Generator..... | D-9 |
| Kit, Basic Data and Video | A-5, B-9 |
| Kit, Cable Service..... | A-7 |
| Kit, Cable Service/Termination..... | A-7, B-10 |
| Kit, Cable Splicing | A-3 |
| Kit, Coax Connector | B-7 |
| Kit, Coax Strip and Crimp Tool | B-4 |
| Kit, Coax/Twisted Pair Termination | B-10 |
| Kit, Compression Connector Installation | B-9 |
| Kit, Crimpmaster™ 10Base-T RJ-45 Crimping Kit | A-6 |
| Kit, Crimpmaster™ F-Type (CATV) Connectors..... | B-9 |
| Kit, Crimpmaster™ Twisted Pair | A-6 |
| Kit, Data/Video..... | A-6, B-9 |

| Item | Page |
|---|--|
| Kit, Delux Cable Service..... | A-7 |
| Kit, Economy 10Base-T..... | A-6 |
| Kit, Economy CATV Compression | B-9 |
| Kit, Economy Coax Cable Stripper | B-3 |
| Kit, Economy Compression | B-10 |
| Kit, Economy Compression Tool | B-5, B-6 |
| Kit, Economy Data and CATV | A-5, B-9 |
| Kit, Installer's..... | A-8 |
| Kit, Modular Plug Tool..... | A-4 |
| Kit, Pro Installer's | A-8, B-11 |
| Kit, Residential Compression | B-10 |
| Kit, RG-6 Push-On Connector | B-11 |
| Kit, RJ-45/11 Two, Four and Eight-Position Combination TelCom Termination | A-6 |
| Kit, Service Compression..... | B-10 |
| Kit, Technician's Service | A-8 |
| Kit, Twisted Pair/Coax Termination | A-7, B-10 |
| Knife Leather Holder | A-3 |
| Krone® blade..... | A-5 |
| L | |
| LANTEK® Cable Certification Testers..... | D-4 |
| LANTEK® Cable Certification Testers..... | D-5 |
| Large Mouth Bag | A-6, A-8, B-9, B-11 |
| Leather Scissors Holder | A-3 |
| Lever™ -Snips Electrician's Scissors w/ Stripping Notches | A-3, A-8, B-11 |
| LinkMaster™ PRO Tester | D-8 |
| LinkMaster™ PRO XL Tester | D-8 |
| LinkMaster™ Tester..... | A-7, B-10, D-7 |
| Lite-Strip™ Optical Fiber Stripper | C-2 |
| M | |
| Mag-Tape™ Tape Measure | A-8, B-11 |
| Mechanic's Bag | A-5, B-9 |
| Microscope, Fiber Inspection..... | C-4 |
| Mini Coax Stripper | B-3 |
| Mini Compression F-Connectors..... | B-7 |
| Mini Compression RCA Connectors..... | B-7 |
| Mini-Lite Strip™ Optical Fiber Stripper | C-2 |
| Modular Adapters | D-9 |
| Modular Plug Replacement Die Sets for Crimpmaster™ | A-4 |
| Modular Plug Tool Kit | A-4 |
| Modular Plugs..... | A-10 |
| Modular Plugs, CAT 5 | A-10 |
| N | |
| Non-Impact Punch Down Tool w/ Permanent non-cut Blade..... | A-5 |
| O | |
| OmniSeal™ Compression Tools | B-5, B-6 |
| OmniSeal™ Pro Compression Tools | B-5, B-6 |
| OmniSeal™ Pro XL Compression Tool | A-5, A-6, A-8, B-5, B-6, B-9, B-10, B-11 |
| P | |
| Plastic Polishing Fixture..... | C-3 |
| Plugs, Modular | A-10 |

| <u>Item</u> | <u>Page</u> |
|---|-------------------------------------|
| Polishing Films for Fiber Optic Connectors | C-3 |
| Polishing Films for Fiber Optic Connectors | C-3 |
| Polishing Fixture, Plastic | C-3 |
| Polishing Fixture, Stainless Steel for Optical Fiber ST® and SC Type Connectors | C-3 |
| Port Seals, Compression F-Connector | B-7 |
| Pro Installer's Kit | A-8, B-11 |
| Probe and Pic Spudger | A-6, A-7, A-8, B-9, B-11 |
| Punch Down Tool - body | A-5 |
| Punch Down Tool w/ 110 Blade | A-5, B-9 |
| Punch Down Tool w/ 66 Blade | A-5 |
| Punchmaster™ II Punch Down Tool Body | A-5 |
| Punchmaster™ II Punch Down Tool w/110 Blade | A-5, A-6, A-7, A-8, B-10, B-9, B-11 |
| Punchmaster™ II Punch Down Tool w/66 Blade | A-5, A-7, B-10 |
| Push-On Connector Kit, RG-6 | B-11 |
| Push-On F-Connectors | B-7 |
| R | |
| Ratchet Telemaster™ | A-4, A-8, B-11 |
| Replacement Blade for Coax Stripmaster® | B-3 |
| Replacement Blade for Round Cable Slitting and Ringing Tool | B-3 |
| Replacement Blades for UTP/STP/Coaxial Cable Stripper | B-4 |
| Replacement Cassette for Coax Stripper | B-3 |
| Replacement Die Set for Crimpmaster™ Crimp Tool | B-4, B-5 |
| Residential Compression Kit | B-10 |
| RG-6 Push-On Connector Kit | B-11 |
| RJ-45/11 Two, Four and Eight-Position Combination TelCom Termination Kit | A-6 |
| Round Cable Slitting and Ringing Tool | A-3, B-3 |
| S | |
| Sattelite and Digital Cable Splitters | B-8 |
| Scissors and Knife Leather Holder | A-3 |
| Scissors, Electrician's | A-3 |
| Scissors, Electrician's w/ Stripping Notches | A-3 |
| Scribes, DualScribe™ Double-Ended Fiber Optic | C-3 |
| SecuriTEST™ CCTV/Security Tester | D-7 |
| Serrated Cutter with Breaker Notch | C-2 |
| Service Compression Kit | B-10 |
| Signal Thrower™, ABS™ | D-9 |
| SIGNALTEK™ Cable Performance Tester | D-3 |
| SIGNALTEK™ FO Multimedia Qualification Tester | D-2 |
| Simplex/Duplex 3mm Jacket Stripper | C-2 |
| Smart-Grip™ Long Nose Pliers | A-8, B-11 |
| Smart-Grip™ Tongue and Groove Pliers | A-8, B-11 |
| Splitter, 8-Way Digital Cable | B-8 |
| Splitters, Cable TV | B-8 |

| <u>Item</u> | <u>Page</u> |
|--|--------------------------|
| Splitters, Sattelite and Digital Cable | B-8 |
| Split-Tip Fiber Optic Swabs | C-3 |
| Stainless Steel Polishing Fixture for Optical Fiber ST® and SC Type Connectors | C-3 |
| Stripmaster® Ribbon Fiber Jacket Stripper | C-2 |
| Stripper, Coax | B-3 |
| Stripper, Coax Stripmaster® Wire | B-3 |
| Stripper, Coax/UTP | A-2 |
| Stripper, Coax/UTP Cable | B-3 |
| Stripper, Cyclops® Data Cable | A-3 |
| Stripper, Economy Coax Cable | B-3 |
| Stripper, Lit-Strip™ Optical Fiber | C-2 |
| Stripper, Mini Coax | B-3 |
| Stripper, Mini-Lite Strip™ Optical Fiber | C-2 |
| Stripper, Simplex/Duplex 3mm Jacket | C-2 |
| Stripper, Stripmaster® Ribbon Fiber Jacket | C-2 |
| Stripper, Tele T® | A-2 |
| Stripper, Telephone Line Cord | A-2 |
| Stripper, Toggle® Coax | B-3 |
| Stripper, Underground Feeder Cable | A-2 |
| Stripper, UTP Cable | A-3 |
| Stripper, UTP/STP/Coaxial Cable | A-3 B-4 |
| Strippers, Cable | C-3 |
| Swabs, Split-Tip Fiber Optic | C-3 |
| T | |
| Technician's Service Kit | A-8 |
| Tele T®-Stripper | A-2 |
| Telemaster™ Telephone Tool | A-4, A-5, A-6, A-7, B-9 |
| Telemaster™ Tool Kit | A-4 |
| Telephone Line Cord Stripper | A-2 |
| Terminator, F-Series | B-5 |
| Tester, ABS™ | D-9 |
| Tester, FIBERTEK™ Advanced Fiber | D-6 |
| Tester, LANTEK® Cable Certification | D-4, D-5 |
| Tester, LinkMasterPRO XL | D-8 |
| Tester, LinkMaster™ | D-7 |
| Tester, LinkMaster™ PRO | D-8 |
| Tester, SecuriTEST™ CCTV/Security | D-7 |
| Tester, SIGNALTEK™ Cable Performance | D-3 |
| Tester, SIGNALTEK™ FO Multimedia Qualification | D-2 |
| Tester, TRACETEK™ Advanced Fiber | D-6 |
| Tester, VDV Multimedia Cable | D-7 |
| Toggle® Coax Stripper | B-3 |
| Tone Generator | A-7, A-8, B-11, D-9 |
| Tongue and Groove Pliers | A-8, B-11 |
| Torpedo Level | A-8, B-11 |
| TRACETEK™ Advanced Fiber Test Options | D-6 |
| TRACETone™ Tone Generator and Amplifier Probe | A-5, B-9, D-9 |
| Transparent Wire Stop | C-2 |
| Twist-A-Nut™ 7-in-1 Screwdriver | A-6, A-7, A-8, B-9, B-11 |

| <u>Item</u> | <u>Page</u> |
|--|---|
| Twisted Pair/Coax Termination Kit | A-7, B-10 |
| Twist Connector, F-Series Coaxial | B-5 |
| U | |
| Underground Feeder (UF) Cable Stripper | A-2, A-5 |
| Universal Compression Connectors | B-7 |
| UTP Cable Stripper | A-3, A-5, B-9 |
| UTP/STP/Coaxial Cable Stripper | B-4 |
| UTP/STP/Coaxial Cable Strippers | A-3, A-5, A-6, A-7, A-8, B-4, B-9, B-10, B-11 |
| V | |
| VDV Multimedia Cable Tester | A-5, A-6, B-9, D-7 |
| Visual Fault Finder | C-4 |
| W | |
| Wall Plates | A-9 |
| Wallplates, CATV | B-8 |
| Wire Stop, Transparent | C-2 |
| Wire, In Wall Speaker | A-10 |
| Z | |
| ZipKit™ Carrying Case | A-7 |
| ZipKit™ Carrying Case | B-10 |
| Zipper Pouch | B-9 |



| Cat. | Page | Cat. | Page | Cat. | Page | Cat. | Page | Cat. | Page |
|---------------|--|---------|-------------------------------|--------------|---|--------------|----------------|--------|-----------|
| 0012-00-0629 | D-4, D-5 | 33-625 | B-10 | 35-485 | A-5, A-6, A-7, A-8, B-9, B-10, B-11 | 62-200 | A-7, B-10, D-7 | 85-352 | A-6, A-10 |
| 0012-00-0642 | D-4, D-5 | 33-630 | B-10 | 35-487 | A-5, A-7, B-10 | 62-205 | A-8 | 85-353 | A-6, A-10 |
| 012-00-0656 | D-4, D-5 | 33-633 | B-5, B-6 | 35-491 | A-5 | 62-891 | D-7 | 85-366 | A-10 |
| 1019-00-0343 | D-4, D-5 | 33-651 | A-6 | 35-492 | A-5, B-9 | 6510-00-5000 | D-4, D-5 | 85-394 | A-6, A-10 |
| 1019-00-1105 | D-4, D-5 | 33-652 | A-6 | 35-493 | A-5 | 84-016 | B-5 | 85-396 | A-6, A-10 |
| 1019-00-1110 | D-4, D-5 | 33-700 | A-4 | 35-495 | A-5, A-7, B-10 | 84-017 | B-5 | 85-401 | A-10 |
| 1019-00-1114 | D-4, D-5 | 33-704 | A-6 | 35-497 | A-5, A-7, A-8, B-10, B-11 | 84-018 | B-5 | 85-402 | A-10 |
| 1019-00-1115 | D-4, D-5 | 33-705 | A-7 | 35-535 | A-5, B-9 | 84-030 | B-5 | 85-403 | A-10 |
| 12019-00-1112 | D-4, D-5 | 33-750 | A-6 | 35-905 | A-8 | 84-039 | B-5 | 85-480 | B-12 |
| 1219-00-1604 | D-4, D-5 | 33-825 | D-8 | 35-908 | A-6, A-7, A-8, B-9, B-11 | 85-016 | B-5, B-9 | 85-490 | B-12 |
| 1219-91-0003 | D-3 | 33-826 | D-8 | 4010-00-0136 | D-3 | 85-017 | B-5, B-9 | 85-491 | B-12 |
| 2112-27-0604 | D-4, D-5 | 33-835 | D-8 | 45-074 | A-2, A-5, A-6, A-7, A-8, B-3, B-9, B-10, B-11 | 85-030 | B-5 | 85-502 | B-12 |
| 2112-27-0605 | D-4, D-5 | 33-836 | D-8 | 45-075 | A-2, B-3 | 85-031 | B-5 | 85-512 | B-12 |
| 3010-12-0092 | D-4, D-5 | 33-852 | D-9 | 45-076 | A-2 | 85-032 | B-8 | 85-513 | B-12 |
| 3010-12-0096 | D-4, D-5 | 33-854 | D-9 | 45-144 | A-3, B-3 | 85-033 | B-8 | 85-515 | B-12 |
| 3010-70-0015 | D-4, D-5 | 33-856 | A-5, A-6, B-9, D-7 | 45-162 | A-3, B-4, C-3 | 85-034 | B-8 | 85-517 | B-12 |
| 30-426 | A-4 | 33-861 | A-7, B-10 | 45-163 | A-3, B-4, C-3 | 85-035 | B-5 | 85-545 | B-12 |
| 30-433 | B-4 | 33-862 | D-9 | 45-164 | A-3, B-4 | 85-036 | B-5 | 85-550 | B-12 |
| 30-433F | B-4 | 33-864 | D-9 | 45-165 | A-3, A-5, A-6, A-7, A-8, B-4, B-9, B-10, B-11 | 85-037 | B-5 | 85-553 | B-12 |
| 30-479 | B-4 | 33-869 | A-7, B-10 | 45-167 | A-3, A-5, B-9 | 85-038 | B-5 | 85-556 | B-12 |
| 30-481 | B-4 | 33-880 | D-8 | 45-234 | A-2 | 85-039 | B-5 | 85-575 | B-12 |
| 30-481 | B-5 | 33-881 | D-8 | 45-235 | A-2 | 85-053 | B-5 | 85-588 | B-12 |
| 30-482 | B-4, B-5 | 33-886 | D-8 | 45-262 | A-5, B-3, B-9, B-10 | 85-055 | B-7 | 85-590 | B-12 |
| 30-483 | B-4, B-5 | 33-887 | D-8 | 45-265 | B-3 | 85-057 | B-5 | 85-770 | A-10 |
| 30-485 | B-4, B-5 | 33-891 | D-7 | 45-282 | B-3 | 85-065 | B-11 | 85-780 | A-10 |
| 30-496 | A-4, A-5, A-6, A-7, B-9 | 33-915 | A-5, B-9 | 45-320 | A-5 | 85-066 | B-7 | 85-900 | A-10 |
| 30-497 | A-4 | 33-916 | A-5, B-9 | 45-320 | B-3, B-9, B-11 | 85-067 | B-7 | 85-925 | A-10 |
| 30-498 | A-4 | 33-917 | A-6, B-9 | 45-322 | C-4 | 85-132 | B-8 | 85-950 | A-10 |
| 30-499 | A-4 | 33-935 | A-8 | 45-332 | C-4 | 85-133 | B-8 | 85-960 | A-10 |
| 30-500 | B-4, B-5 | 33-945 | A-8, B-11 | 45-334 | C-4 | 85-134 | B-8 | 86-017 | B-5 |
| 30-502 | A-7, B-5, B-5, B-10 | 33-974 | D-3 | 45-335 | C-4 | 85-138 | B-8 | 86-030 | B-5 |
| 30-503 | B-4, B-5 | 33-981 | D-2 | 45-336 | C-4 | 85-200 | A-9, B-8 | 86-039 | B-5 |
| 30-506 | A-4, A-6, A-7, B-10 | 33-982 | D-2 | 45-337 | C-3 | 85-201 | A-9, B-8 | 86-132 | B-8 |
| 30-521 | A-4 | 33-983 | D-2 | 45-338 | C-3 | 85-204 | A-9, B-8 | 86-133 | B-8 |
| 30-522 | A-4, A-6, B-9 | 33-987 | D-2 | 45-339 | C-3 | 85-205 | A-9, B-8 | 86-134 | B-8 |
| 30-556 | A-4, A-6, A-7, B-10 | 35-042 | B-12 | 45-341 | C-3 | 85-206 | A-9 | 86-200 | A-9, B-8 |
| 30-559 | A-4, A-6, A-7, B-10 | 35-043 | B-12 | 45-342 | C-3 | 85-207 | A-9 | 86-201 | A-9, B-8 |
| 30-560 | A-4, A-6 | 35-046 | A-6, A-8, B-7, B-9, B-11 | 45-344 | C-2 | 85-208 | A-9 | 86-202 | A-9, B-8 |
| 30-570 | B-4, B-5 | 35-051 | A-2 | 45-349 | C-2 | 85-209 | A-9 | 86-203 | A-9, B-8 |
| 30-572 | B-4, B-5 | 35-060 | A-2, A-7, B-3, B-10 | 45-350 | C-2 | 85-212 | A-9 | 86-204 | A-9, B-8 |
| 30-573 | B-4, B-5 | 35-061 | A-8 | 45-352 | C-2 | 85-213 | A-9 | 86-205 | A-9, B-8 |
| 30-576 | B-4, B-5 | 35-087 | A-3, A-8, B-11 | 45-357 | C-3 | 85-214 | A-9 | 86-206 | A-9 |
| 30-577 | B-4, B-5 | 35-088 | A-3, A-6, A-7, A-8, B-9, B-10 | 45-358 | C-3 | 85-215 | A-9 | 86-207 | A-9 |
| 30-578 | B-4, B-5 | 35-089 | A-3 | 45-359 | C-3 | 85-217 | A-9 | 86-208 | A-9 |
| 30-579 | B-4, B-5 | 35-091 | A-3, A-8, B-11 | 45-360 | C-3 | 85-218 | A-9 | 86-209 | A-9 |
| 30-580 | B-4, B-5 | 35-092 | A-3 | 45-510 | B-3 | 85-219 | A-9 | 86-212 | A-9 |
| 30-581 | A-7, B-4, B-5, B-10 | 35-093 | A-3 | 45-513 | B-3 | 85-220 | A-9, B-8 | 86-213 | A-9 |
| 30-582 | B-4, B-5 | 35-094 | A-3 | 45-514 | A-3 | 85-222 | A-9, B-8 | 86-214 | A-9 |
| 30-586 | B-4, B-5 | 35-185 | A-5 | 45-519 | A-2 | 85-223 | A-9 | 86-215 | A-9 |
| 30-587 | B-4, B-5 | 35-205 | A-8, B-11 | 45-520 | A-7, B-3, B-10 | 85-225 | A-9 | 86-217 | A-9 |
| 30-591 | B-4, B-5 | 35-210 | A-8 | 45-521 | B-3 | 85-227 | A-9 | 86-218 | A-9 |
| 30-593 | B-4, B-5 | 35-238 | A-8, B-11 | 45-522 | B-3 | 85-229 | A-9 | 86-219 | A-9 |
| 30-594 | B-4, B-5 | 35-275 | A-8, B-11 | 45-523 | B-3 | 85-230 | A-9, B-8 | 86-220 | A-9 |
| 30-596 | B-4 | 35-3037 | A-8, B-11 | 45-524 | B-3 | 85-232 | A-9, B-8 | 86-222 | A-9, B-8 |
| 30-597 | B-4 | 35-3430 | A-8, B-11 | 45-526 | A-6, A-8, B-3, B-9, B-10, B-11 | 85-233 | A-9 | 86-223 | A-9 |
| 30-599 | B-4, B-5 | 35-402 | B-9 | 45-529 | B-3 | 85-234 | A-9, B-8 | 86-225 | A-9 |
| 30-603 | B-5, B-6 | 35-407 | A-5, A-6, A-8, B-9, B-11 | 45-603 | A-2, B-3 | 85-236 | A-9, B-8 | 86-227 | A-9 |
| 30-603 | B-6 | 35-410 | A-6, B-9 | 45-719 | A-8, B-11 | 85-237 | A-9 | 86-229 | A-9 |
| 30-633 | A-5, B-5, B-6, B-9, B-10 | 35-419 | A-7, B-10 | 6011-50-0029 | D-4, D-5 | 85-239 | A-9, B-8 | 86-230 | A-9, B-8 |
| 30-696 | A-4, A-8, B-11 | 35-420 | A-8, B-11 | 6011-50-0031 | D-4, D-5 | 85-241 | A-9, B-8 | 86-232 | A-9, B-8 |
| 30-703 | B-5, B-6 | 35-427 | A-8, B-11 | 62-096 | D-9 | 85-242 | A-9 | 86-233 | A-9 |
| 30-720 | B-5, B-6 | 35-430 | A-8 | 62-098 | D-9 | 85-244 | A-9 | 86-234 | A-9, B-8 |
| 30-793 | A-5, A-6, A-8, B-5, B-6, B-9, B-10, B-11 | 35-462 | A-5, A-7, B-9 | 62-140 | A-5, B-9, D-9 | 85-245 | A-9 | 86-235 | A-9, B-8 |
| 33-296 | A-4 | 35-465 | B-4 | 62-160 | A-7, A-8, B-11, D-9 | 85-246 | A-9 | 86-236 | A-9, B-8 |
| 33-320 | B-3, B-7, B-11 | 35-466 | B-4 | 62-164 | A-6, A-7, A-8, B-9, B-11, D-9 | 85-311 | B-8 | 86-237 | A-9 |
| 33-400 | B-9 | 35-468 | B-4 | 62-180 | A-7, B-10, D-9 | 85-323 | B-8 | 86-239 | A-9, B-8 |
| 33-505 | A-8 | 35-473 | A-6, A-7, A-8, B-9, B-11 | 62-184 | A-7, B-10, D-9 | 85-332 | B-8 | 86-241 | A-9, B-8 |
| 33-605 | A-7 | 35-478 | A-5 | 62-188 | D-9 | 85-333 | B-8 | 86-242 | A-9 |
| 33-620 | B-10 | 35-479 | A-5 | | | 85-334 | B-8 | 86-394 | A-10 |
| 33-621 | B-9 | 35-483 | A-5 | | | 85-344 | A-10 | 86-395 | A-10 |
| 33-623 | B-9 | | | | | 85-346 | A-6, A-10 | 86-396 | A-6 |
| | | | | | | 85-351 | A-6, A-10 | 86-396 | A-10 |

Catalog Number Index

| <u>Cat.</u> | <u>Page</u> | <u>Cat.</u> | <u>Page</u> | <u>Cat.</u> | <u>Page</u> | <u>Cat.</u> | <u>Page</u> |
|--------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 86-398 | A-10 | LB-3953 | B-3 | | | | |
| 86-401 | A-10 | LB-740 | B-3 | | | | |
| 86-402 | A-10 | LB-743 | B-3 | | | | |
| 86-403 | A-10 | TRACETEKMM | D-6 | | | | |
| 86-432 | B-8 | TRACETEKSM | D-6 | | | | |
| 86-433 | B-8 | VFF5 | C-4 | | | | |
| 86-502 | B-12 | | | | | | |
| 86-925 | A-10 | | | | | | |
| 86-950 | A-10 | | | | | | |
| 87-900 | A-10 | | | | | | |
| 87-925 | A-10 | | | | | | |
| 87-950 | A-10 | | | | | | |
| 89-011 | B-7 | | | | | | |
| 89-014SM | B-7 | | | | | | |
| 89-014SMRCA | B-7 | | | | | | |
| 89-015 | B-7, B-9 | | | | | | |
| 89-016 | B-7 | | | | | | |
| 89-026 | B-7, B-10 | | | | | | |
| 89-035 | B-7 | | | | | | |
| 89-054 | B-7, B-10 | | | | | | |
| 89-055 | B-7, B-10 | | | | | | |
| 89-056 | B-7, B-10 | | | | | | |
| 89-057 | B-7, B-10 | | | | | | |
| 89-058 | B-7, B-10 | | | | | | |
| 89-059 | B-7 | | | | | | |
| 89-060 | B-7, B-10 | | | | | | |
| 89-060P | B-7, B-10 | | | | | | |
| 89-104 | B-7 | | | | | | |
| 89-105 | B-7 | | | | | | |
| 89-106 | B-7 | | | | | | |
| 89-159 | B-7 | | | | | | |
| 89-160 | B-7 | | | | | | |
| 89-160P | B-7 | | | | | | |
| 89-165 | B-7 | | | | | | |
| 89-5057 | B-7 | | | | | | |
| 89-5058 | B-7 | | | | | | |
| FIBERTEKALLB | D-6 | | | | | | |
| FIBERTEKALLP | D-6 | | | | | | |
| FIBERTEKMMB | D-6 | | | | | | |
| FIBERTEKMMP | D-6 | | | | | | |
| FIBERTEKSMB | D-6 | | | | | | |
| H-3324 | D-8 | | | | | | |
| H-3412 | D-8 | | | | | | |
| IA-4868 | D-8 | | | | | | |
| K-7920 | D-3 | | | | | | |
| K-7921 | A-7, B-10 | | | | | | |
| L-5620 | C-2 | | | | | | |
| L-9225 | A-3, B-4, C-3 | | | | | | |
| L-9226 | A-3, B-4 | | | | | | |
| LA-3953 | B-10 | | | | | | |
| LA-4144 | D-9 | | | | | | |
| LA-4145 | D-9 | | | | | | |
| LA-4157 | D-8 | | | | | | |
| LA-4159 | D-8 | | | | | | |
| LA-4173 | D-8 | | | | | | |
| LA-4233 | D-8 | | | | | | |
| LA-4234 | D-8 | | | | | | |
| LA-4235 | D-8 | | | | | | |
| LANTEK6ABAS | D-4, D-5 | | | | | | |
| LANTEK6APREM | D-4, D-5 | | | | | | |
| LANTEK6ATRV | D-4, D-5 | | | | | | |
| LANTEK6B | D-4, D-5 | | | | | | |
| LANTEK7GBAS | D-4, D-5 | | | | | | |
| LANTEK7GPREM | D-4, D-5 | | | | | | |
| LANTEK7GTRV | D-4, D-5 | | | | | | |
| LB-1152 | C-2 | | | | | | |
| LB-1153 | C-2 | | | | | | |
| LB-1747 | A-4 | | | | | | |
| LB-1748 | A-3, B-3 | | | | | | |
| LB-2726 | B-3 | | | | | | |
| LB-2727 | B-3 | | | | | | |



DataComm Products and Equipment Catalog

www.idealindustries.com



IDEAL INDUSTRIES, INC.
Corporate Headquarters
Becker Place
Sycamore, IL 60178, USA
ph: 815-895-5181 • 800-435-0705 in USA
fax: 815-895-9470 • 800-533-4483 in USA
email: ideal@idealindustries.com

IDEAL INDUSTRIES, INC.
International Division
Becker Place
Sycamore, IL 60178, USA
ph: 815-895-1122
fax: 815-895-4800
email: ideal_international@idealindustries.com

IDEAL INDUSTRIES PUERTO RICO, INC.
PMB 196
405 Esmeralda, Suite 102
Guaynabo, Puerto Rico 00969, USA
ph: 787-412-7215
fax: 787-731-1128

IDEAL INDUSTRIES (CANADA), CORP.
33 Fuller Road
Ajax, Ontario L1S 2E1, Canada
ph: 905-683-3400 • 800-824-3325 in Canada
fax: 905-683-0209 • 800-263-3115 in Canada
email: ideal_canada@idealindustries.com

IDEAL INDUSTRIES (AUST) PTY. LTD.
Level 6
75-85 Elizabeth Street
Sydney NSW 2000 Australia
ph: 61300 765 800 • 61405 123 100 (mobile)
fax: 61300 765 801
email: ideal_australia@idealindustries.com

IDEAL INDUSTRIES (UK) LIMITED
225 Europa Boulevard, Gemini Business Park
Warrington, Cheshire, WA5 7TN, UK
ph: +44-(0) 1925 444446
fax: +44-(0) 1925 445501
email: ideal_uk@idealindustries.com

IDEAL INDUSTRIES GmbH
Gutenbergstrasse 10
85737 Ismaning, Germany
ph: +49-(0) 89 996860
fax: +49-(0) 89 99686111
email: ideal_germany@idealindustries.com



IDEAL INDUSTRIES CHINA, LLC
 Unit 911, Tower W1, The Towers, Oriental Plaza
 No. 1 East Chang An Avenue, Dong Cheng District
 Beijing, 100738, China
 ph: 86-10-8518-3141 • 86-10-8518-3142
 fax: 86-10-8518-3143.

Room 1401, Finance Square, 333 Jiujiang Road
 Shanghai, 2000001, China
 ph: 86-21-6360-7045
 fax: 86-21-6350-8891
 email: ideal_china@idealindustries.com

**IDEAL INDUSTRIES
 BRAZIL COMÉRCIO LTDA.**
 Av. Major Sylvio de Magalhães Padilha, 5200
 Bloco F, Cj 201 CEP - 05677-000 São Paulo -
 SP - Brazil
 ph: 55-11-3759-8777
 fax: 55-11-3759-8775
 email: ideal_brazil@idealindustries.com

IDEAL INDUSTRIES MEXICO, INC.
 Parque Intermex, Periferico Sur 7999 A
 Col. Santa Maria Tequepexpan
 Tlaquepaque, Jalisco, Mexico, c.p. 45601
 ph: 52-33-37702320 • 52-33-38097219 (mobile)
 fax: 52-33-37702300

CUSTOMER SERVICE 800-435-0705
 email: ideal@idealindustries.com

QUALITY HOTLINE 800-304-3578
 email: quality@idealindustries.com

TECHNICAL HOTLINE 800-338-4495
 email: techsupt@idealindustries.com



The way every job should be



IDEAL INDUSTRIES, INC.
Becker Place, Sycamore, IL 60178, USA / 815-895-5181 • 800-435-0705 in USA

International offices: Australia • Brazil • Canada • China • Germany • Mexico • UK
For complete sales office contact information, visit us at:

www.idealindustries.com

Rev. 11/07
Form No. P-435
Printed in USA
©2007 IDEAL INDUSTRIES, INC.