



# OmniSeal™ Compression Tools & Connectors

- Factory pre-set to work with IDEAL compression connectors
- Compress F-type, RCA, BNC and Mini Connectors
- Adjustable to fit other manufacturers connectors - no accessory adapters required
- Connectors designed for use in satellite and cable television systems



- RG-59
- RG-6
- RG-6Q
- RG-11
- MINI



IDEAL DataComm



# OmniSeal™ Compression Tools and Connectors

## OmniSeal™ Pro and Pro XL Compression Tools

The new IDEAL OmniSeal™ compression tool now offers additional features and increased connector compatibility in a smaller, more compact tool design to meet the demands of the professional installer. OmniSeal requires no calibration or accessory attachment to terminate most IDEAL branded 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.



**OmniSeal Pro**  
30-603



**OmniSeal Pro XL**  
30-793

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



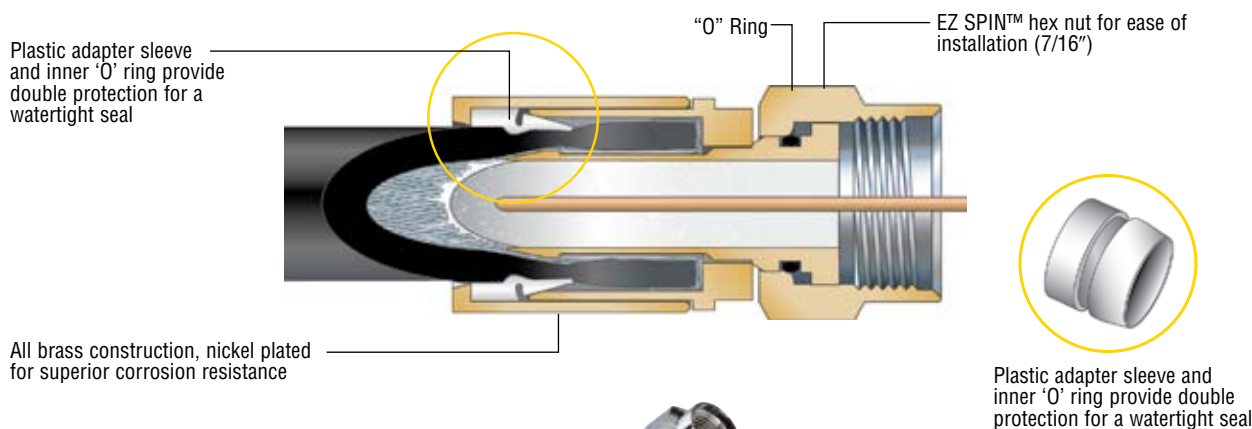
| Cat. No. | Description                      |
|----------|----------------------------------|
| 30-793   | OmniSeal Pro XL Compression Tool |
| 30-603   | OmniSeal Pro Compression Tool    |



# RTQ Universal Compression Connectors

IDEAL Compression Connectors are all single piece designs that are manufactured to meet the demands and expectations of the satellite and cable TV industry. All series of connectors are effortlessly positioned onto properly stripped coax and are permanently connected when terminated with an IDEAL OmniSeal Compression Tool. All IDEAL compression F-connectors use a standard 1/4", 1/4" strip. Multiple package quantities and connector features ensure that you will have the right connector for your application.

- Connectors to fit RG-59, RG-6, Plenum RG-6 & RG-11 coaxial cable
- Designated connectors fit regular (dual shield), tri and quad shield cables
- Approved for indoor/outdoor use



| Cat. No. | Description   | PKG QTY  |
|----------|---|----------|
| 92-610   | <b>RG-59 Reg/Tri/Quad</b><br>Compression F-Connectors | 50/jar   |
| 92-619   |   | 1000/box |

|        |   |          |
|--------|---|----------|
| 92-654 | <b>RG-6 Reg/Tri/Quad</b><br>Compression F-Connectors        | 4 pack   |
| 92-651 |   | 10 pack  |
| 92-650 |   | 50/jar   |
| 92-656 |   | 100/jar  |
| 92-659 |   | 1000/box |
| 92-660 | <b>RG-6 Plenum, Dual Shield</b><br>Compression F-Connectors | 50/jar   |
| 92-669 |   | 1000/box |

|         |   |         |
|---------|---|---------|
| 89-211  | <b>RG-11, Dual Shield</b><br>Compression F-Connectors | 10 pack |
| 89-1211 |   | 500/box |

| Operation Specifications     |   |
|------------------------------|---|
| Bandwidth:                   | 0 MHz - 3 GHz                               |
| Impedance:                   | 75 Ohms (nominal)                           |
| Return Loss:                 | Minimum -30 dB @ 3 GHz                      |
| Tightening Torque:           | 30 in-lbs.                                  |
| Operating Temperature Range: | -40°F to +140°F                             |
| Cable Range:                 | 60% through Quad Shield, PE and PVC jackets |
| Cable Retention:             | 40 lbs. minimum                             |

| Tooling Requirements:                         |  |
|---|--|
| Data T®-Cutter                                | 45-074                                 |
| 1/4" - 1/4" RG-6, RG-59 & Quad Cable Stripper | 45-603, 45-526, 45-262, 45-282, 45-111 |
| Compression Tool                              | 30-603, 30-793                         |
| F-Connector Tool                              | 35-046                                 |

## BNC Compression Connectors

- Single piece design for easy installation
- Nickel plated brass construction
- Color coded by cable series for easy identification
- 3 GHz bandwidth, 75 ohms impedance

| Cat. No.       | Description                     | QTY       |
|----------------|---------------------------------|-----------|
| <b>89-048</b>  | BNC RG-6 Compression Connector  | 15 Pack   |
| <b>89-5048</b> | BNC RG-6 Compression Connector  | Jar of 35 |
| <b>89-047</b>  | BNC RG-59 Compression Connector | 15 Pack   |
| <b>89-5047</b> | BNC RG-59 Compression Connector | Jar of 35 |



**BNC RG-6**



**BNC RG-59**



## RCA & Mini Compression F-Connectors

- Constructed of nickel plated brass and gold plated head
- 3 GHz bandwidth, 75 ohms impedance
- Identifying bands included
- Mini connectors fit 23 AWG mini cable

| Cat. No.           | Description                      | QTY                  |
|--------------------|----------------------------------|----------------------|
| <b>89-582</b>      | RG-6 Compression RCA Connectors  | 10 Pack (14 bands)   |
| <b>89-580</b>      | RG-6 Compression RCA Connectors  | Jar of 35 (50 bands) |
| <b>89-572</b>      | RG-59 Compression RCA Connectors | 10 Pack (14 bands)   |
| <b>89-570</b>      | RG-59 Compression RCA Connectors | Jar of 35 (50 bands) |
| <b>89-014SM</b>    | Mini Compression F-Connector     | 10 Pack              |
| <b>89-014SMRCA</b> | Mini RCA Compression Connector   | 10 Pack              |



**RCA RG-6  
RG-59**



**Mini RCA  
Connector**



**Mini  
F-Connector**



### 45-074 Data T<sup>®</sup>-Cutter

- Cuts round communication cable and maintains cable geometry for better cable performance
- Steel reinforced center conductor can be trimmed with bolt cutting holes
- Cushioned comfort grip handles
- Locking latch keeps tool closed in pouch



### 45-603 Coax/UTP Stripper

- 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



### 45-111 Mini Coax Stripper

- Provides a 1/4" x 1/4" strip for RG11 cable

### 45-529 Mini Coax Stripper

- Adjustable stripper for mini coax cable



### 35-046 Connector Tool

- Works on hex style F and BNC connectors
- Makes attaching and detaching connectors to equipment easier
- Aids in installing CATV connectors
- Comfort grip handle

#### IDEAL INDUSTRIES, INC.

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[www.idealindustries.com](http://www.idealindustries.com)



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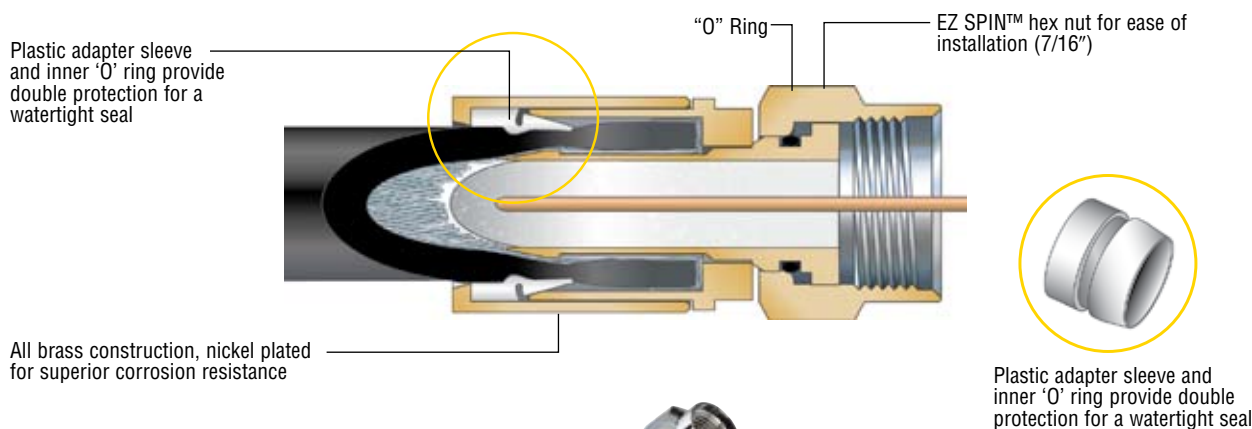
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**BNC RG-6**



**BNC RG-59**



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|--------------------|----------------------------------|----------------------|
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| <b>89-580</b>      | RG-6 Compression RCA Connectors  | Jar of 35 (50 bands) |
| <b>89-572</b>      | RG-59 Compression RCA Connectors | 10 Pack (14 bands)   |
| <b>89-570</b>      | RG-59 Compression RCA Connectors | Jar of 35 (50 bands) |
| <b>89-014SM</b>    | Mini Compression F-Connector     | 10 Pack              |
| <b>89-014SMRCA</b> | Mini RCA Compression Connector   | 10 Pack              |



**RCA RG-6  
RG-59**



**Mini RCA  
Connector**



**Mini  
F-Connector**



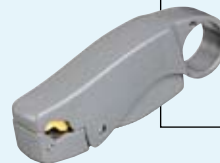
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