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8459 22/25C TC PVC/PVC

OMNI CABLE

Catalog Number	8459
Manufacturer	OMNI CABLE
Description	Bell Wire, Copper Conductor Material, 22 AWG Conductor Size, 1.5 A Current Rating, Polyvinyl Chloride (PVC) Insulation Material, 0.04 in Insulation Thickness, Polyvinyl Chloride (PVC) Jacket Material, Made in USA, +80 °C Maximum Operating Temperature, -20 °C Minimum Operating Temperature, 25 - Conductors, 7 - Strands, 0.387 in Outside Diameter, Bulk Package Type, Strand Solid/Strand, CEC/C(UL) Specification:CMG;CPR Euroclass:Eca;E;EU Directive 2000/53/EC (ELV)EU Directive 2003/96/EC (BFR);EU Directive 2011
Weight per unit	N/A
Product Category	Wire

Descriptions

Description	22/25C TC PVC/PVC

Manufacturer Information

Brand	Cables & Cords
UPC	884810

Taxonomies, Classifications, and Categories

Category Description	TRAY CABLE

Packaging

Carton	1
Package	100
Weight Per Each	N/A



Part Number: 8459

Audio/Control/Instrumentation, (25) 22 AWG (7x30) TC, PVC/PVC, CMG

Request Sample

Product Description

Twenty-five 22 AWG stranded (7x30) tinned copper conductors, conductors cabled, PVC insulation, PVC Jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	25

Conductor Count:	25
Conductor Size:	22 AWG

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.011 in

Color Chart

Color
Black
White
Red
Green
Orange
Blue
White/Black
Red/Black
Green/Black
Orange/Black
Blue/Black
Black/White
Red/White
Green/White
Blue/White
Black/Red
White/Red
Orange/Red
Blue/Red
Red/Green
Orange/Green
Black/White/Red
White/Black/Red
Red/Black/White
Green/Black/White

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.387 in	0.04 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
15.6 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
34 pF/ft

Inductance

Nominal Inductance
0.17 µH/ft

Current

Max. Recommended Current [A]
1.5 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V RMS (CMG)
150 V RMS (UL AWM Style 2576)

Temperature Range

UL Temp Rating:	80°C (UL AWM Style 2576)
Operating Temp Range:	-20°C To +80°C

Mechanical Characteristics

Bulk Cable Weight:	101 lbs/1000ft
Max Recommended Pulling Tension:	228 lbs
Min Bend Radius/Minor Axis:	4 in

Standards

NEC Articles:	800
NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
UL AWM Style:	UL Style 2576 (150 V 80°C)
CPR Euroclass:	Eca

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1685 FT4 Loading
CSA Flammability:	FT4
UL voltage rating:	300 V RMS (CMG)

Plenum/Non-Plenum

Plenum (Y/N):	No

Part Number

Variants

Item #	Color	Footnote
8459 060100	Chrome	
8459 0601000	Chrome	C
8459 060500	Chrome	C
8459 0605000	Chrome	

Footnote:	C - CRATE REEL PUT-UP.

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