



Part Number: 8459

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

Product Description

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

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

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

Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.011 in

Color Chart 1:

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

Outershield 1:

Material
Unshielded

Outerjacket 1:

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

Current:

Max. Recommended Current [A]

1.5 Amps per conductor @ 25°C

Inductance:

Nominal Inductance

0.17 µH/ft

Voltage:

UL Voltage Rating

300 V RMS (CMG)

150 V RMS (UL AWM Style 2576)

Use

Max Recommended Pulling Tension:

228 lbs

Safety

CSA Flammability:

FT4

UL Flammability:

UL1685 FT4 Loading

Temperature Range

Operating Temp Range:

-20°C To +80°C

UL Temp Rating:

80°C (UL AWM Style 2576)

Mechanical Characteristics

Min Bend Radius/Minor Axis:

4 in

Part Number

Plenum (Y/N):

No

Standards

CA Prop 65 (CJ for Wire & Cable):

CA Prop 65 (CJ for Wire & Cable)

CEC/C(UL) Specification:

CEC/C(UL) Specification

MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
NEC/(UL) Specification:	NEC/(UL) Specification
UL AWM Style:	AWM Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

History

Product Variants

Part Number	Color	Put-Up Type	Length
8459 0601000	CHROME	Reel	1000 ft
8459 060100	CHROME	Reel	100 ft
8459 0605000	CHROME	Reel	5000 ft
8459 060500	CHROME	Reel	500 ft

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