

## 9572 Multi-Conductor - Power-Limited Fire Protective Signal Circ Cbl - 2 Cdrs Cabld



For more Information  
please call

1-800-Belden1



### General Description:

16 AWG solid bare copper conductors, conductors cabled, PVC insulation, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	16	Solid	BC - Bare Copper

Total Number of Conductors: 2

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.406

#### Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.914

#### Overall Cable

Overall Cabling Lay Length & Direction:

Length (mm)	Direction	Twists (twist/m)
50.800	Left Hand	19.686

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter: 6.045 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +105°C

UL Temperature Rating: 105°C

Bulk Cable Weight: 46.134 Kg/Km

Max. Recommended Pulling Tension: 346.960 N

Min. Bend Radius/Minor Axis: 63.500 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC(UL) Specification: CMR, FPLR

NEC Articles: 760, 800

CEC/C(UL) Specification: FAS105

AWM Specification: UL Style 2464 (300 V 80°C)

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 04/01/2005

## METRIC MEASUREMENT VERSION

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EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MIL Order #39 (China RoHS):	Yes
Other Specification:	California State Fire Marshall

#### Flame Test

UL Flame Test:	UL1666 Vertical Shaft
CSA Flame Test:	FT4

#### Suitability

Suitability - Indoor:	Yes
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#### Plenum/Non-Plenum

Plenum (Y/N):	No
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#### Electrical Characteristics (Overall)

##### Nom. Inductance:

Inductance (µH/m)
0.492

##### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
91.868

##### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
13.4521

##### Max. Operating Voltage - UL:

Voltage
300 V RMS

##### Max. Recommended Current:

Description	Current
35C Temperature Rise	11 Amps per conductor @ 25°C ambient

#### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9572 002U1000	1,000 FT	33.000 LB	RED		2 #16 PVC PVC
9572 002U500	500 FT	17.000 LB	RED		2 #16 PVC PVC

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