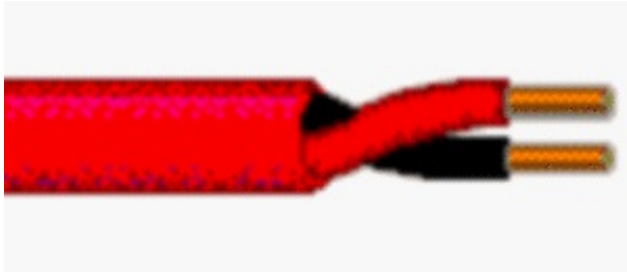


**Part Number:** 9572

Power-Limited Fire Protective Signal Circ Cbl, 2 Cdrs Cabled



## Product Description

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

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Conductors
16	Solid	BC - Bare Copper	2
<b>Total Number of Conductors:</b>			2

#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.016 in

#### Color Chart 1:

Number	Color
1	Black
2	Red

#### Cabling 1:

Lay Length	Lay Direction	Twists
2 in	Left Hand	6 twist/ft

#### Outershield 1:

Material
Unshielded

### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.238 mm	0.036 mm

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR
4.1 Ohm/km

### Capacitance:

Nom. Capacitance Conductor to Conductor
28 pF/m

### Current:

Element	Max. Recommended Current [A]
35C Temperature Rise	11 Amps per conductor @ 25°C ambient

### Inductance:

Nominal Inductance
0.15 µH/m

### Voltage:

UL Voltage Rating
300V RMS

## Use

Suitability - Indoor:	Yes
Max Recommended Pulling Tension:	78 lbs

## Safety

CSA Flammability:	FT4
UL Flammability:	UL1666 Vertical Shaft

## Temperature Range

Operating Temp Range:	-40°C To +105°C
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UL Temp Rating:	105°C
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## Mechanical Characteristics

Min Bend Radius/Minor Axis:	2.5 in
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## Part Number

Plenum (Y/N):	No
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## Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
CEC/C(UL) Specification:	FAS105
MII Order #39 (China RoHS):	Yes
NEC Articles:	760, 800
NEC/(UL) Specification:	CMR^FPLR
Other Specification:	California State Fire Marshall
UL AWM Style:	UL Style 2464 (300V 80°C)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

## History

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