



Part Number: 9572

Power-Limited Fire Protective, (2) 16 AWG Solid BC, PVC/PVC, CMR

[Request Sample](#)

Product Description

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

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
16	Solid	BC - Bare Copper	2

Conductor Count:	2
Total Number of Pairs:	1
Conductor Size:	16 AWG

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.016 in

Color Chart

Number	Color
1	Black
2	Red

Outer Shield Material

Material
Unshielded

Outer Jacket Material

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

Construction and Dimensions

Cabling

Lay Direction	Twists
Left Hand	6 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
4.1 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	
28 pF/ft	
Shielding:	Unshielded

Inductance

Nominal Inductance

0.15 µH/ft

Current

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

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	31 lbs/1000ft
Max Recommended Pulling Tension:	78 lbs
Min Bend Radius/Minor Axis:	2.5 in

Standards

NEC Articles:	760, 800
NEC/(UL) Specification:	CMR, FPLR
CEC/C(UL) Specification:	FAS105
UL AWM Style:	UL Style 2464 (300 V 80°C)
CPR Euroclass:	Eca
Other Specification:	California State Fire Marshall

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 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

Suitability

Suitability - Indoor:	Yes
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Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1666 Vertical Shaft
CSA Flammability:	FT4
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color
9572.00305	Red
9572.00U305	Red
9572 002U1000	Red
9572 002U500	Red

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