Product: 9572 ⬀

Electronic, 2 C #16 Sol BC, PVC Ins, Red PVC Jkt, FPLR

<div>⚏ Request Sample</div>

Product Description

Electronic, 2 Conductor 16AWG (Solid) Bare Copper, PVC Insulation, Red PVC Outer Jacket, FPLR

Technical Specifications

Product Overview

Suitable Applications:	fire alarms; indoor applications; low voltage analog signals (4-20ma, 0-10v, ...); low voltage control (24v, …)

Physical Characteristics (Overall)

Conductor

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

Conductor Count:	2
Total Number of Pairs:	1

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.016 in

Color Chart

Number	Color
1	Black
2	Red

Outer Shield Material

Material
No Shield

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

Inductance

Nominal Inductance
0.15 µH/ft

Current

Element	Max. Recommended Current [A]
35C Temperature Rise	11 Amps per Conductor at 25ºC

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. Pull Tension:	78 lbs
Min Bend Radius/Minor Axis:	2.5 in

Standards

NEC Articles:	Article 760, Article 800
NEC/(UL) Compliance:	CMR, FPLR
CEC/C(UL) Compliance:	FAS105
UL AWM Style Compliance:	UL Style 2464 (300 V 80°C)
CPR Euroclass:	Eca
Other Compliance:	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
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1666 Vertical Shaft
CSA Flammability:	FT4
IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No

Part Number

Variants

Item #	Color	Putup Type	Length	UPC/EAN
9572 002U1000	Red			612825256106
9572 002U500	Red			612825256113
9572.00305	Red	Reel	305 m	8719605022226
9572.00U305	Red	Flat Box	305 m	8719605022233

| 9572.001000 | Red | Reel | 1,000 m | 8719605022219 |

History

| Update and Revision: | Revision Number: 0.297 Revision Date: 06-24-2020 |

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