BELDEN

Product: 9572 ⧉

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

⁑ Request Sample

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, …)

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	2	16	Solid	BC - Bare Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.087 in (2.2 mm)	Black, Red

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.036 in (0.91 mm)	0.238 in (6.05 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
4.2 Ohm/1000ft	28 pF/ft (92 pF/m)	11 Amps per Conductor at 25ºC

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-40°C To +105°C

Bend Radius

Stationary Min.	Installation Min.
1.90 in (48.3 mm)	1.90 in (48.3 mm)

Max. Pull Tension:	80 lbs (36 kg)
Bulk Cable Weight:	32 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Sunlight Resistance

Flammability / Reaction to Fire:	UL1666 Riser, FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 760, Article 800, CMR, FPLR
AWM Compliance:	AWM 2464
CEC / C(UL) Compliance:	FAS105
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Other Standard Compliance(s):	California State Fire Marshall

History

Update and Revision:	Revision Number: 0.606 Revision Date: 09-05-2024

Part Numbers

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

Mouser Electronics

Authorized Distributor

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[9572 002U1000](#) [9572 002U500](#)