



Product: [9580](#) 

Electronic, 2 C #14 Sol BC, PVC Ins, Red PVC Jkt, FPLR

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Product Description

Electronic, 2 Conductor 14AWG (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, ...)
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	2	14	Solid	BC - Bare Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PVC - Polyvinyl Chloride	0.022 in (0.56 mm)	0.20 in (5.1 mm)	Black, Red

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.042 in (1.1 mm)	0.303 in (7.70 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Inductance	Max. Current
2.62 Ohm/1000ft (8.60 Ohm/km)	27 pF/ft (89 pF/m)	0.18 µH/ft (0.59 µH/m)	18 Amps per Conductor at 25°C

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.
2.42 in (61.5 mm)	2.42 in (61.5 mm)

Max. Pull Tension:	124 lbs (56.2 kg)
Bulk Cable Weight:	50 lbs/1000ft (74 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor
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Flammability / Reaction to Fire:	UL 1666 Riser
NEC / UL Compliance:	Article 760, 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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Other Standard Compliance(s):	California State Fire Marshall

Product Notes

Notes:	This cable passes the UL 70, 000 BTU Flame Test (comparable to the IEEE 383 Flame Test) and are listed by the California State Fire Marshall. Component Recognized UL 2464, 300V 80°C.
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History

Update and Revision:	Revision Number: 0.575 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC/EAN	Footnote
9580 0021000	Red			612825256212	C
9580.00305	Red	Reel	305 m	8719605022370	
9580.K0305	Red	Reel	305 m	8719605022387	

Footnote:	C - CRATE REEL PUT-UP.
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