



Product: [9579](#) 

Electronic, 4 C #16 Sol BC, PVC Ins, OS, Red PVC Jkt, FPLR

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Product Description

Electronic, 4 Conductor 16AWG (Solid) Bare Copper, PVC Insulation, Overall Beldfoil® Shield, 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)	4	16 AWG	Solid	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	0.087 in (2.2 mm)	Black, Red, Yellow, Blue

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.042 in (1.1 mm)	0.301 in

Overall Cable Diameter (Nominal):	0.301 in
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	4.1 Ohm/1000ft	53 pF/ft (170 pF/m)	98 pF/ft (320 pF/m)	9.6 Amps per Conductor at 25°C
Nom Outer Shield DCR:		9.2 Ohm/1000ft (30 Ohm/km)		

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.
3.01 in (76.5 mm)	3.01 in

Max. Pull Tension:	133 lbs (60.3 kg)
Bulk Cable Weight:	65 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Indoor, Sunlight Resistance
Flammability / Reaction to Fire:	UL1666 Riser, FT4
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 760, Article 800, CMR, FPLR
AWM Compliance:	AWM 2464
CEC / C(UL) Compliance:	CMG, 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: 0.577 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC/EAN	Footnote
9579 0021000	Red			612825256205	C
9579.00305	Red	Reel	305 m	8719605022356	
9579.K0305	Red	Reel	305 m	8719605022363	

Footnote:	C - CRATE REEL PUT-UP.
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