



Product: [8719](#)

Electronic, 2 C #16 Str TC, PE Ins, OS, PVC Jkt, CM

[Request Sample](#)

Product Description

Electronic, 2 Conductor 16AWG (19x29) Tinned Copper, PE Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, CM

Technical Specifications

Product Overview

Suitable Applications:	up to 600V analog signals ; up to 600V digital control ; line level audio; voice communications; panel wiring
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Construction Details

Conductor

Element	Number of Element	AWG	Stranding	Material
Pair(s)	1	16	19x29	TC - Tinned Copper

Insulation

Element	Material	Thickness [in.]	Color Code
Pair(s)	PE - Polyethylene	0.032	Black & Clear

Outer Shield Material

Shield Type	Material	Coverage	Drainwire Type
Tape	Alum / Poly	100%	18 AWG (16x30) TC

Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in	0.313 in

Cable Diameter (Nominal):	0.313 in
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Characteristic Impedence	Max. Current
Conductor(s)	4.5 Ohm/1000ft	23 pF/ft	44 pF/ft	65 Ohm	7 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V (CM), 600 V (UL AWM 20253)

Mechanical Characteristics

Temperature

UL Rating	Operating
80°C (UL AWM 20253)	-20°C to +80°C

Bend Radius

Stationary Min.	Installation Min.
3.25 in	3.1 in

Max. Pull Tension:	102 lbs
Bulk Cable Weight:	44 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Fire Resistance:	UL1685 UL Loading, FT1, IEC 60332-1-2
NEC / UL Compliance:	Article 725, Article 800, CM;CL2
AWM Compliance:	20253
CEC / C(UL) Compliance:	CM
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.346 Revision Date: 07-31-2020
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