



**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	Color Code
Pair(s)	PE - Polyethylene	0.032 in (0.81 mm)	Black & Clear

**Outer Shield Material**

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	18 AWG (16x30) TC

**Outer Jacket Material**

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.313 in

Cable Diameter (Nominal):	0.313 in (7.95 mm)
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**Electrical Characteristics**

**Electricals**

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Max. Current
Conductor(s)	4.5 Ohm/1000ft (15 Ohm/km)	23 pF/ft (75 pF/m)	44 pF/ft (140 pF/m)	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.
3.1 in (79 mm)	3.1 in (79 mm)

Max. Pull Tension:	102 lbs (46.3 kg)
Bulk Cable Weight:	44 lbs/1000ft (65 kg/km)

## 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 (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## History

Update and Revision:	Revision Number: 0.367 Revision Date: 07-02-2021
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