



Product: [8471](#)

Electronic, 2 C #16 Str TC, PVC Ins, PVC Jkt, CMG

Request Sample

Product Description

Electronic, 2 Conductor 16AWG (19x29) Tinned Copper, PVC Insulation, PVC Outer Jacket, CMG

Technical Specifications

Product Overview

Suitable Applications:	low voltage analog signals (4-20ma, 0-10v, ...); low voltage digital control (24v, ...); line level audio; computer communication; 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)	PVC - Polyvinyl Chloride	0.023 in (0.58 mm)	Black & White

Outer Jacket

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.274 in

Cable Diameter (Nominal):	0.274 in (6.96 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Pair(s)	4.49 Ohm/1000ft (14.7 Ohm/km)	33 pF/ft (110 pF/m)	6.1 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V (CMG), 300 V (UL AWM 2598)

Mechanical Characteristics

Temperature

UL Rating	Operating
60°C (UL AWM 2598)	-20°C to +80°C

Bend Radius

Stationary Min.	Installation Min.
2.7 in (69 mm)	2.7 in (69 mm)

Max. Pull Tension:	61 lbs (28 kg)
Bulk Cable Weight:	38 lbs/1000ft (57 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Fire Resistance:	UL1685 FT4 Loading, FT4, IEC 60332-1-2
NEC / UL Compliance:	Article 725Article 800, CMG, CL3
AWM Compliance:	2598
CEC / C(UL) Compliance:	CMG
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)

History

Update and Revision:	Revision Number: 0.349 Revision Date: 10-07-2021
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