



Product: [82489](#)

Electronic, 4 C #18 Str TC, FEP Ins, PVC Jkt, CMP

Request Sample

Product Description

Electronic Cable, 4 Conductor 18AWG (19x30) Tinned Copper, FEP Insulation, PVC Outer Jacket, CMP

Technical Specifications

Product Overview

Suitable Applications:	indoor plenum applications; low voltage analog signals (4-20ma, 0-10v, ...); low voltage control (24v, ...); line level audio; voice communications; panel wiring
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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	4	18 AWG	19x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Color Code
Conductor(s)	FEP - Fluorinated Ethylene Propylene	0.007 in (0.18 mm)	Black, White, Red, Green

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.014 in (0.36 mm)	0.166 in (4.22 mm)

Cable Diameter (Nominal):	0.166 in (4.22 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	6.4 Ohm/1000ft (21 Ohm/km)	21 pF/ft (69 pF/m)	7.2 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V (CMP), 150 V (CL3P)

Mechanical Characteristics

Temperature

UL Temperature	Operating
0°C to +75°C	0°C to +75°C

Bend Radius

Stationary Min.	Installation Min.
1.7 in (43 mm)	1.7 in (43 mm)

Max. Pull Tension:	100 lbs (45 kg)
Bulk Cable Weight:	29 lbs/1000ft (43 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	NFPA 262, FT6, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 725, Article 800, CMP, CL3P
CEC / C(UL) Compliance:	CMP
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)
Non-Plenum Number:	8489

History

Update and Revision:	Revision Number: 0.357 Revision Date: 10-13-2021
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Variants

Item #	Color	Putup Type	Length	UPC
82489 8771000	Natural	Reel	1,000 ft	612825197140
82489 877U1000	Natural	UnReel	1,000 ft	612825197133

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