



Product: [88489](#)

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

Request Sample

Product Description

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

Technical Specifications

Product Overview

Suitable Applications:	extreme high/low temperature environments; chemical resistant; outdoor and burial 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	No. of Elements	Size	Stranding	Material
Conductor(s)	4	18	19x30	TC - Tinned Copper

Insulation			
Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
FEP - Fluorinated Ethylene Propylene	0.0065 in (0.17 mm)	0.042 in (1.1 mm)	Black, White, Red, Green

Outer Jacket		
Material	Nom. Thickness	Nom. Diameter
FEP - Fluorinated Ethylene Propylene	0.009 in (0.23 mm)	0.156 in

Electrical Characteristics

Electricals		
Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
6.4 Ohm/1000ft	21 pF/ft (69 pF/m)	11.52 Amps per Conductor at 25°C

Voltage	
UL Voltage Rating	
300 V	

Mechanical Characteristics

Temperature	
Operating	
-70°C To +200°C	

Bend Radius	
Stationary Min.	Installation Min.
1.56 in (39.6 mm)	1.56 in

Max. Pull Tension:	82 lbs (37 kg)
Bulk Cable Weight:	28 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Outdoor, Burial
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Flammability / Reaction to Fire:	NFPA 262
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CL3P, CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), REACH, 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)
Non-Plenum Number:	8489

History

Update and Revision:	Revision Number: 0.358 Revision Date: 11-27-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
88489 0021000	Red	Reel	1,000 ft	612825217046	C

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