



Product: <u>87740</u> ☑

Electronic, 2 C #18 Str TC, FEP Ins, PVDF Jkt, CMP

Request Sample

Product Description

High Temperature Electronic, 2 Conductor 18AWG (19x30) Tinned Copper, FEP Insulation, PVDF Outer Jacket, CMP

Technical Specifications

Product Overview

Suitable Applications: extreme high temperature environments; chemical resistant; outdoor and burial applications; low voltage analog signals (4-20ma, 0-10v, ...); low voltage digital control (24v, ...); line level audio; voice communications; panel wiring

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
18	19x30	TC - Tinned Cop	per 1
Condu	ctor Count:		2

Insulation

Material	Nominal Wall Thickness
FEP - Fluorinated Ethylene Propylene	0.0065 in

Color Chart

Number	Color
1	Black & Red

Outer Shield Material



Outer Jacket Material

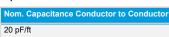
Material	Nominal Diameter	Nominal Wall Thickness
PVDF - Polyvinylidene Fluoride	0.136 in	0.011 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Conductor Loop DCR
5.5 Ohm/1000ft	11 Ohm/1000ft

Capacitance



Inductance



Impedance

Nominal Characteristic Impedance 72 Ohm

Voltage

UL Voltage Rating 300 V RMS

Temperature Range

Operating Temp Range: -20°C To +150°C

Mechanical Characteristics

Bulk Cable Weight:	15 lbs/1000ft
Max Recommended Pulling Tension:	49 lbs
Min Bend Radius/Minor Axis:	1.5 in

Standards

NEC Articles:	800
NEC/(UL) Specification:	CL3P, CMP
CEC/C(UL) Specification:	CMP

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262
CSA Flammability:	FT6
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

num (Y/N): Yes			
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Part Number

Non-Plenum Number: 9740

Variants

Item #	Color	Putup Type	Length	UPC
87740 0021000	Red	Reel	1,000 ft	612825215936
Footnote:		C	- CRATE	REEL PUT-UP.

History

Update and Revision:	Revision Number: 0.292 Revision Date: 04-28-2020	
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