



**Product:** [82740](#)

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

[Request Sample](#)

## Product Description

Electronic Cable, 2 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 digital control (24v, ...); line level audio; voice communications; panel wiring
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### Construction Details

#### Conductor

Element	Number of Element	AWG	Stranding	Material
Pair(s)	1	18	19x30	TC - Tinned Copper

#### Insulation

Element	Material	Thickness [in.]	Color Code
Pair(s)	FEP - Fluorinated Ethylene Propylene	0.007	Black & Red

#### Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC-LS - Polyvinyl Chloride (Low Smoke)	0.015 in	0.143 in

Cable Diameter (Nominal):	0.143 in
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### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Characteristic Impedence	Max. Current
Pair(s)	5.5 Ohm/1000ft	20 pF/ft	72 Ohm	5.4 Amps per Conductor at 25°C

#### Voltage

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

### Mechanical Characteristics

#### Temperature

UL Rating	Operating
-20°C to +60°C	-20°C to +60°C

#### Bend Radius

Stationary Min.	Installation Min.
1.5 in	1.4 in

Max. Pull Tension:	50 lbs
Bulk Cable Weight:	15 lbs/1000ft

### Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Fire Resistance:	NFPA 262, FT6, IEC 60332-1-2
NEC / UL Compliance:	Article 725, Article 800, CMP, CL3P
CEC / C(UL) Compliance:	CMP
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	9740

## History

Update and Revision:	Revision Number: 0.342 Revision Date: 07-31-2020
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