



Product: [8791](#)

Electronic, 3 C #18 Str TC, PVC Ins, OA TC Srv, PVC Jkt

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Product Description

Electronic, 3 Conductor 18AWG (7x26) Tinned Copper, PVC Insulation, Overall Tinned Copper Serve Shield, PVC Outer Jacket

Technical Specifications

Product Overview

Suitable 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	AWG	Stranding	Material
Conductor(s)	3	18	7x26	TC - Tinned Copper

Insulation

Element	Material	Thickness [in.]	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.022	Black, Red, White

Outer Shield Material

Shield Type	Material	Coverage
Spiral Serve / Screen	Tinned Copper (TC)	80%

Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.028 in	0.260 in

Cable Diameter (Nominal):	0.260 in
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	5.9 Ohm/1000ft	47 pF/ft	84 pF/ft	5.1 Amps per Conductor at 25°C

Nom Outer Shield DCR:	16 Ohm/1000ft
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Voltage

Non-UL Voltage Rating
450 V

Mechanical Characteristics

Temperature

Operating
-20°C to +80°C

Bend Radius

Stationary Min.	Installation Min.

2.75 in	2.6 in
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Max. Pull Tension:	67 lbs
Bulk Cable Weight:	42 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Fire Resistance:	IEC 60332-1-2
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.339 Revision Date: 09-30-2020
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