



REPRESENTATIVE IMAGE

Product: [8208](#)

Electronic, 2 C #18 Str TC, EPDM Ins, OA TC Brd, PVC Jkt

[Request Sample](#)

Product Description

Electronic, 2 Conductor 18AWG (16x30) Tinned Copper, EPDM Insulation, Overall Tinned Copper Braid(73%) Shield, PVC Outer Jacket

Technical Specifications

Product Overview

Suitable Applications:	low voltage analog signals (4-20ma, 0-10v, ...); low voltage digital control (24v, ...); line level audio; computer communication; panel wiring
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Construction Details

Conductor

Element	Number of Element	AWG	Stranding	Material
Conductor(s)	2	18	16x30	TC - Tinned Copper

Insulation

Element	Material	Thickness	Color Code
Conductor(s)	EPDM - Ethylene Propylene Diene Monomer	0.022 in	Red, White

Outer Shield Material

Shield Type	Material	Coverage
Braid	Tinned Copper (TC)	73%

Outer Jacket Material

Separator	Material	Thickness	Nom. Diameter
Polyester Tape	PVC - Polyvinyl Chloride	0.025 in	0.257 in

Cable Diameter (Nominal):	0.257 in
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Characteristic Impedence	Max. Current
Conductor(s)	6.5 Ohm/1000ft	46 pF/ft	77 pF/ft	44 Ohm	5.2 Amps per Conductor at 25°C

Voltage

Non-UL Voltage Rating

300 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:	69 lbs
Bulk Cable Weight:	40 lbs/1000ft

Standards and Compliance

Sustainability:	CA Prop 65
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)

Product Notes

Notes:	No surface printing.
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History

Update and Revision:	Revision Number: 0.349 Revision Date: 09-30-2020
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