



Product: [8643](#)

Electronic, 3 C #30 Str TC, PP Ins, OA TC Brd, PVC Jkt

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Product Description

Electronic, 3 Conductor 30AWG (7x38) Tinned Copper, PP Insulation, Overall Tinned Copper Braid(95%) 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	30	7x38	TC - Tinned Copper

Insulation

Element	Material	Thickness [in.]	Color Code
Conductor(s)	PP - Polypropylene	0.006	Black, Red, White

Outer Shield Material

Shield Type	Material	Coverage	Notes
Braid	Tinned Copper (TC)	95%	Paper Tape Separator

Outer Jacket Material

Separator	Material	Thickness	Nom. Diameter
Paper Tape	PVC - Polyvinyl Chloride	0.014 in	0.096 in

Cable Diameter (Nominal):	0.096 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)	98.5 Ohm/1000ft	25 pF/ft	43 pF/ft	0.9 Amps per Conductor at 25°C

Nom Outer Shield DCR:	11.1 Ohm/1000ft
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Voltage

Non-UL Voltage Rating
200 V

Mechanical Characteristics

Temperature

Operating
-20°C to +105°C

Bend Radius

Stationary Min.	Installation Min.

1 in	1 in
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Max. Pull Tension:	22.5 lbs
Bulk Cable Weight:	8 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
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:	Conductors cabled around textile strength member
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History

Update and Revision:	Revision Number: 0.336 Revision Date: 08-25-2020
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