



Product: [9961](#)

Electronic, 1 C #20 Str TC, PVC-NYL Ins, OA TC Brd, PVC Jkt

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Product Description

Electronic, 1 Conductor 20AWG (19x32) Tinned Copper, PVC-NYL Insulation, Overall Tinned Copper Braid(90%) Shield, PVC Outer Jacket

Technical Specifications

Product Overview

Suitable Applications:	MIL-W-16878 (Type B) Spec; up to 600V analog signals ; up to 600V voltage control
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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	1	20 AWG	19x32	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.0105 in (0.267 mm)	0.064 in (1.6 mm)	White

Outer Shield

Shield Type	Material	Coverage
Braid	Tinned Copper (TC)	97%

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.01 in (0.25 mm)	0.109 in

Overall Cable Diameter (Nominal): 0.109 in.

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Shield	Max. Current
11.2 Ohm/1000ft	103 pF/ft (338 pF/m)	3.8 Amps per Conductor at 25°C

Voltage

Voltage Rating
600 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-20°C To +105°C

Bend Radius

Stationary Min.	Installation Min.
1.09 in (27.7 mm)	1.09 in

Max. Pull Tension: 15 lbs

Bulk Cable Weight:	8 lbs/1000ft
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Standards and Compliance

Flammability / Reaction to Fire:	VW-1
Military Compliance:	MIL-W-16878E/17 (insulated conductor)
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Other Standard Compliance(s):	NEMA HP3

History

Update and Revision:	Revision Number: 0.382 Revision Date: 12-21-2021
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Variants

Item #	Color	UPC
9961 0091000	White	612825265191
9961 009500	White	612825265207

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