



**Product:** [9954](#) 

Electronic, 4 C #16 Str TC, PVC-NYL Ins, OA TC Brd, PVC Jkt

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## Product Description

Electronic, 4 Conductor 16AWG (19x29) 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	AWG	Stranding	Material
Conductor(s)	4	16	19x29	TC - Tinned Copper

#### Insulation

Element	Material	Thickness [in.]	Color Code
Conductor(s)	PVC/Nylon - Polyvinyl Chloride + Nylon	0.012	White, Black, Red, Green

#### Outer Shield Material

Shield Type	Material	Coverage
Braid	Tinned Copper (TC)	90%

#### Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.027 in	0.291 in

Cable Diameter (Nominal):	0.291 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)	4.4 Ohm/1000ft	49 pF/ft	94 pF/ft	6.5 Amps per Conductor at 25°C
Nom Outer Shield DCR:	4.4 Ohm/1000ft			

#### Voltage

Non-UL Voltage Rating
600 V

### Mechanical Characteristics

#### Temperature

Operating
-20°C to +105°C

#### Bend Radius

Stationary Min.	Installation Min.
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3 in	2.9 in
Max. Pull Tension:	121.6 lbs
Bulk Cable Weight:	69 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Military Compliance:	MIL-W-16878E/17 (insulated conductor)
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)
Other Standard Compliance(s):	NEMA HP3

History

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