



REPRESENTATIVE IMAGE

**Product:** [8621](#)

Electronic, 7 C #16 Str TC, PVC Ins, PVC Jkt

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## Product Description

Electronic, 7 Conductor 16AWG (19x29) Tinned Copper, PVC Insulation, PVC Outer Jacket

## Technical Specifications

### Product Overview

Suitable Applications:	Analog Signals & Control (up to 600V); Line Level Audio; Voice Communications; Panel Wiring
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### Construction Details

#### Conductor

Element	Number of Element	AWG	Stranding	Material
Conductor(s)	7	16	19x29	TC - Tinned Copper

#### Insulation

Element	Material	Thickness [in.]	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.031	Black, White, Red, Green, Orange, Blue, White/Black Stripe

#### Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.045 in	0.458 in

Cable Diameter (Nominal):	0.458 in
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### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	4.4 Ohm/1000ft	19.5 pF/ft	5 Amps per Conductor at 25°C

#### Voltage

Non-UL Voltage Rating
600 V

### Mechanical Characteristics

#### Temperature

Operating
-20°C to +80°C

#### Bend Radius

Stationary Min.	Installation Min.
4.75 in	4.6 in

Max. Pull Tension:	212 lbs
Bulk Cable Weight:	132 lbs/1000ft

### Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Fire Resistance:	UL 1581 (VW-1), FT1, IEC 60332-1-2
CPR Euroclass:	Eca
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)

## History

Update and Revision:	Revision Number: 0.341 Revision Date: 08-12-2020
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