



REPRESENTATIVE IMAGE

Product: [8621](#)

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

[Request Sample](#)

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	Size	Stranding	Material
Conductor(s)	7	16 AWG	19x29	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.031 in (0.79 mm)	Black, White, Red, Green, Orange, Blue, White/Black Stripe

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.045 in (1.1 mm)	0.458 in (11.6 mm)

Overall Cable Diameter (Nominal): 0.458 in (11.6 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	4.4 Ohm/1000ft (14 Ohm/km)	19.5 pF/ft (64.0 pF/m)	5 Amps per Conductor at 25°C

Voltage

Voltage Rating
600 V

Mechanical Characteristics

Temperature

Operating
-20°C to +80°C

Bend Radius

Stationary Min.	Installation Min.
4.6 in (120 mm)	4.6 in (120 mm)

Max. Pull Tension:	212 lbs (96.2 kg)
Bulk Cable Weight:	132 lbs/1000ft (196 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL 1581 (VW-1), IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.365 Revision Date: 12-15-2021
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8621 060100	Chrome	Reel	100 ft	612825213529
8621 060500	Chrome	Reel	500 ft	612825213543
8621 0601000	Chrome	Reel	1,000 ft	612825213536

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