



Product: [8623](#)

Electronic, 15 C #16 Str TC, PVC Ins, PVC Jkt

Request Sample

### Product Description

Electronic, 15 Conductor 16AWG (19x29) Tinned Copper, PVC Insulation, PVC Outer Jacket

### Technical Specifications

#### Product Overview

Suitable Applications:	up to 600V analog signals ; up to 600V control ; line level audio; voice communications; panel wiring
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#### Construction Details

##### Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	15	16 AWG	19x29	TC - Tinned Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.031 in (0.79 mm)	0.121 in (3.07 mm)	Black, White, Red, Green, Orange, Blue, White/Black Stripe, Red/Black Stripe, Green/Black Stripe, Orange/Black Stripe, Blue/Black Stripe, Black/White Stripe, Red/White Stripe, Green/White Stripe, Blue/White Stripe

##### Outer Jacket

Separator	Material	Nom. Thickness	Nom. Diameter
PP - Polypropylene Tape	PVC - Polyvinyl Chloride	0.060 in (1.5 mm)	0.694 in (17.6 mm)

Overall Cable Diameter (Nominal):	0.694 in (17.6 mm)
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#### Electrical Characteristics

##### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	4.45 Ohm/1000ft	19.5 pF/ft (64.0 pF/m)	8.4 Amps per Conductor at 30°C

##### Voltage

Voltage Rating
600 V

#### Mechanical Characteristics

##### Temperature

Operating
-30°C to +75°C

##### Bend Radius

Stationary Min.	Installation Min.
6.9 in (180 mm)	6.9 in (180 mm)

Max. Pull Tension:	600 lbs (270 kg)
Bulk Cable Weight:	288 lbs/1000ft

## Standards and Compliance

Flammability / Reaction to Fire:	UL 1581 (VW-1), IEC 60332-1-2
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: 0.501 Revision Date: 01-20-2023
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC
8623 060500	Chrome	Reel	500 ft	612825213628
8623 0601000	Chrome	Reel	1,000 ft	612825213604
8623 0602000	Chrome	Reel	2,000 ft	612825213611
8623 0605000	Chrome	Reel	5,000 ft	612825213635

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