



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	No. of Elements	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: 0.503 Revision Date: 09-07-2025
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Part Numbers

Variants

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

Footnote:	C - CRATE REEL PUT-UP., Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.
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