



Product: [8622](#)

Electronic, 12 C #16 Str TC, PVC Ins, PVC Jkt

[Request Sample](#)

Product Description

Electronic, 12 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)	12	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

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.060 in (1.5 mm)	0.627 in (15.9 mm)
Overall Cable Diameter (Nominal):	0.627 in (15.9 mm)	

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.
6.3 in (160 mm)	6.3 in (160 mm)
Max. Pull Tension:	480 lbs (220 kg)
Bulk Cable Weight:	235 lbs/1000ft

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)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.511 Revision Date: 01-20-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8622 060100	Chrome	Reel	100 ft	612825213550
8622 060500	Chrome	Reel	500 ft	612825213581
8622 0601000	Chrome	Reel	1,000 ft	612825213567
8622 0602000	Chrome	Reel	2,000 ft	612825213574

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