



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	No. of Elements	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	Footnote
8622 060100	Chrome	Reel	100 ft	612825213550	
8622 060500	Chrome	Reel	500 ft	612825213581	C
8622 0601000	Chrome	Reel	1,000 ft	612825213567	C
8622 0602000	Chrome	Reel	2,000 ft	612825213574	C Z

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