



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:	up to 600V analog signals ; up to 600V control ; line level audio; voice communications; panel wiring
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Physical Characteristics (Overall)

Conductor				
Element	AWG	Stranding	Material	No. of Conductors
Conductor(s)	16	19x29	TC - Tinned Copper	12
Conductor Count:		12		

Insulation		
Element	Material	Nominal Wall Thickness
Conductor(s)	PVC - Polyvinyl Chloride	0.031 in

Color Chart	
Number	Color
1	Black
2	White
3	Red
4	Green
5	Orange
6	Blue
7	White/Black
8	Red/Black
9	Green/Black
10	Orange/Black
11	Blue/Black
12	Black/White

Outer Jacket Material		
Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.627 in	0.06 in

Electrical Characteristics

Conductor DCR	
Nominal Conductor DCR	4.4 Ohm/1000ft

Capacitance	
Nom. Capacitance Conductor to Conductor	

19.5 pF/ft

Current

Max. Recommended Current [A]
5 Amps per conductor @ 25°C

Voltage

Non-UL Voltage Rating
600 V RMS

Temperature Range

UL Temp Rating:	80°C
Operating Temp Range:	-20°C To +80°C

Mechanical Characteristics

Bulk Cable Weight:	235 lbs/1000ft
Max Recommended Pulling Tension:	364 lbs
Min Bend Radius/Minor Axis:	6.5 in

Standards

CPR Euroclass:	Eca
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Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-10-01
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL 1581 (VW-1)
CSA Flammability:	FT1
ISO/IEC Flammability:	IEC 60332-1-2

Part Number

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

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

History

Update and Revision:	Revision Number: 0.288 Revision Date: 04-30-2020
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