



Product: [8620](#)

Electronic, 4 C #16 Str TC, PVC Ins, PVC Jkt

[Request Sample](#)

Product Description

Electronic, 4 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

Physical Characteristics (Overall)

Conductor

Element	AWG	Stranding	Material	No. of Conductors
Conductor(s)	16	19x29	TC - Tinned Copper	4

Conductor Count: 4

Insulation

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

Color Chart

Number	Color
1	Black
2	Green
3	White
4	Red

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.376 in	0.042 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]
5.5 Amps per conductor @ 25°C

Voltage

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:	81 lbs/1000ft
Max Recommended Pulling Tension:	121 lbs
Min Bend Radius/Minor Axis:	4 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 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, LSOH, Toxicity Testing

UL Flammability:	UL 1581 (VW-1)
CSA Flammability:	FT1
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	600 V RMS

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
8620 060100	Chrome	Reel	100 ft	612825213482
8620 060500	Chrome	Reel	500 ft	612825213505
8620 0601000	Chrome	Reel	1,000 ft	612825213499
8620 0605000	Chrome	Reel	5,000 ft	612825213512

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.295 Revision Date: 04-30-2020
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