



**Product:** [8621](#)

Electronic, 7 C #16 Str TC, PVC Ins, PVC Jkt

[Request Sample](#)

## Product Description

Electronic, 7 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	7

Conductor Count: 7

#### 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

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.458 in	0.045 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

<b>UL Voltage Rating</b>
600 V RMS

## Temperature Range

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

## Mechanical Characteristics

Bulk Cable Weight:	132 lbs/1000ft
Max Recommended Pulling Tension:	212 lbs
Min Bend Radius/Minor Axis:	4.75 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, LS0H, 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
8621 060100	Chrome	Reel	100 ft	612825213529
8621 060500	Chrome	Reel	500 ft	612825213543
8621 0601000	Chrome	Reel	1,000 ft	612825213536

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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