



**Part Number: 8621**

Audio/Control/Instrumentation, (7) 16 AWG (19x29) TC, PVC/PVC

[Request Sample](#)

## Product Description

Seven 16 AWG stranded (19x29) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
16	19x29	TC - Tinned Copper	7

Conductor Count:	7
Conductor Size:	16 AWG

#### Insulation

Material	Nominal Wall Thickness
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 Shield Material

Material
Unshielded

#### 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	
Shielding:	Unshielded

#### 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
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Flammability, LSOH, Toxicity Testing

Other Flammability:	VW-1, FT1
UL voltage rating:	600 V RMS

## Part Number

### Variants

Item #	Color	Footnote
8621 060100	Chrome	C
8621 0601000	Chrome	C
8621 060500	Chrome	C

Footnote:	C - CRATE REEL PUT-UP.
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