



Part Number: 8621

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

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

UL Voltage Rating
600V 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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