



Part Number: 8623

Audio/Control/Instrumentation, (15) 16 AWG (19x29) TC, PVC/PVC

Product Description

Fifteen 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	15

Conductor Count:	15
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
8	Red/Black
9	Green/Black
10	Orange/Black
11	Blue/Black
12	Black/White
13	Red/White
14	Green/White
15	Blue/White

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.694 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

Shielding: Unshielded

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: 288 lbs/1000ft

Max Recommended Pulling Tension: 456 lbs

Min Bend Radius/Minor Axis: 7 in

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, LS0H, Toxicity Testing

Other Flammability: VW-1, FT1

Part Number

Variants

Item #	Color	Footnote
8623 0601000	Chrome	C
8623 0602000	Chrome	
8623 060500	Chrome	C
8623 0605000	Chrome	C Z

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.

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