

9620 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information
please call

1-800-Belden1



General Description:

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

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 5 | 16 | 19x29 | TC - Tinned Copper |

Total Number of Conductors: 5

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (mm) |
|--------------------------|---------------------|
| PVC - Polyvinyl Chloride | 0.7874 |

Outer Shield

Outer Shield Material:

| Outer Shield Material |
|-----------------------|
| Unshielded |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (mm) |
|--------------------------|--------------------------|
| PVC - Polyvinyl Chloride | 1.0668 |

Overall Cable

Overall Cabling Color Code Chart:

| Number | Color |
|--------|--------|
| 1 | Black |
| 2 | White |
| 3 | Red |
| 4 | Green |
| 5 | Orange |

Overall Nominal Diameter: 10.439 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +80°C

UL Temperature Rating: 80°C

Bulk Cable Weight: 148.820 Kg/Km

Max. Recommended Pulling Tension: 676.126 N

Min. Bend Radius/Minor Axis: 107.950 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 10/1/2005

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

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Flame Test

| | |
|-------------------|-----------|
| UL Flame Test: | VW-1 |
| Other Flame Test: | VW-1, FT1 |

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

| |
|--------------------|
| Capacitance (pF/m) |
| 63.9795 |

Nom. Conductor DC Resistance:

| |
|---------------------|
| DCR @ 20°C (Ohm/km) |
| 14.4364 |

Max. Operating Voltage - Non-UL:

| |
|-----------|
| Voltage |
| 600 V RMS |

Max. Recommended Current:

| |
|-------------------------------|
| Current |
| 5.5 Amps per conductor @ 25°C |

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------------|----------|-------------|--------|-------|-----------------|
| 9620 060100 | 100 FT | 11.000 LB | CHROME | | 5#16 PVC FRPVC |
| 9620 0601000 | 1,000 FT | 109.000 LB | CHROME | C | 5#16 PVC FRPVC |
| 9620 060500 | 500 FT | 53.500 LB | CHROME | C | 5#16 PVC FRPVC |
| 9620 0605000 | 5,000 FT | 565.000 LB | CHROME | C Z | 5 #16 PVC FRPVC |

Notes:

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

Revision Number: 3 Revision Date: 08-22-2012

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