

8620 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 |
|--------------|-----|-----------|--------------------|
| 4 | 16 | 19x29 | TC - Tinned Copper |

Total Number of Conductors: 4

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (in.) |
|--------------------------|----------------------|
| PVC - Polyvinyl Chloride | .031 |

Insulation Resistance: 500 Megaohms/1000 ft.

Outer Shield

Outer Shield Material:

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

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | .042 |

Overall Cable

Overall Cabling Color Code Chart:

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

Overall Nominal Diameter: 0.376 in.

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 80°C

Bulk Cable Weight: 81 lbs/1000 ft.

Max. Recommended Pulling Tension: 121 lbs.

Min. Bend Radius/Minor Axis: 4 in.

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

MIL Order #39 (China RoHS): Yes

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Flame Test

Other Flame Test: VW-1, FT1

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

19.5

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

4.4

Max. Operating Voltage - 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 |
|--------------|----------|-------------|--------|-------|-----------------|
| 8620 060100 | 100 FT | 8.900 LB | CHROME | | 4 #16 PVC FRPVC |
| 8620 0601000 | 1,000 FT | 88.000 LB | CHROME | C | 4 #16 PVC FRPVC |
| 8620 060500 | 500 FT | 44.000 LB | CHROME | C | 4 #16 PVC FRPVC |
| 8620 0605000 | 5,000 FT | 500.000 LB | CHROME | | 4 #16 PVC FRPVC |

Notes:

C = CRATE REEL PUT-UP.

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