

9622 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 |
|--------------|-----|-----------|--------------------|
| 25 | 16 | 19x29 | TC - Tinned Copper |

Total Number of Conductors: 25

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 | 1.651 |

Overall Cable

Overall Cabling Color Code 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 |
| 16 | Black/Red |
| 17 | White/Red |
| 18 | Orange/Red |
| 19 | Blue/Red |
| 20 | Red/Green |
| 21 | Orange/Green |
| 22 | Black/White/Red |
| 23 | White/Black/Red |
| 24 | Red/Black/White |
| 25 | Green/Black/White |

Overall Nominal Diameter: 22.327 mm

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 80°C

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| | |
|-----------------------------------|---------------|
| Bulk Cable Weight: | 654.808 Kg/Km |
| Max. Recommended Pulling Tension: | 3380.632 N |
| Min. Bend Radius/Minor Axis: | 228.600 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): | 10/01/2005 |
| 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 |

Flame Test

| | |
|-------------------|-----------|
| 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

3.5 Amps per conductor @ 25°C

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------------|----------|-------------|--------|-------|----------------|
| 9622 060100 | 100 FT | 49.000 LB | CHROME | C | 25#16 PVC PVC |
| 9622 0601000 | 1,000 FT | 480.000 LB | CHROME | C | 25#16 PVC PVC |
| 9622 0602000 | 2,000 FT | 914.000 LB | CHROME | | 25 #16 PVC PVC |
| 9622 060500 | 500 FT | 236.000 LB | CHROME | C | 25 #16 PVC PVC |

Notes:

C = CRATE REEL PUT-UP.

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