

## 9623 Multi-Conductor - Audio, Control, Communication and Instrumentation Cable



For more Information  
please call

1-800-Belden1



### Description:

14 AWG stranded (19x27) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

| # Conductors | AWG | Stranding | Conductor Material | Dia. (mm) |
|--------------|-----|-----------|--------------------|-----------|
| 5            | 14  | 19x27     | TC - Tinned Copper | 1.8034    |

Total Number of Conductors: 5

#### Insulation

##### Insulation Material:

| Insulation Material      | Wall Thickness (mm) | Dia. (mm) |
|--------------------------|---------------------|-----------|
| PVC - Polyvinyl Chloride | 1.143               | 4.064     |

Insulation Resistance: 500 Mega Ohms / 1000 ft. @ 500 V DC

#### Outer Shield

##### Outer Shield Material:

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

#### Outer Jacket

##### Outer Jacket Material:

| Outer Jacket Material    | Nom. Wall Thickness (mm) |
|--------------------------|--------------------------|
| PVC - Polyvinyl Chloride | 1.524                    |

#### Overall Cable

##### Overall Cabling Lay Length & Direction:

| Length (mm) | Twists (twist/m) |
|-------------|------------------|
| 147.31942   | 6.562            |

##### Overall Cabling Color Code Chart:

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

Overall Nominal Diameter: 14.554 mm

### Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 264.304 Kg/Km

Max. Recommended Pulling Tension: 1054.220 N

Min. Bend Radius/Minor Axis: 139.700 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

METRIC MEASUREMENT VERSION

## 9623 Multi-Conductor - Audio, Control, Communication and Instrumentation Cable

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

|                 |                         |
|-----------------|-------------------------|
| UL Flame Test:  | UL1685 UL Loading, VW-1 |
| CSA Flame Test: | FT1                     |

### Plenum/Non-Plenum

|               |    |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

## Electrical Characteristics (Overall)

### Nom. Capacitance Conductor to Conductor:

|                    |
|--------------------|
| Capacitance (pF/m) |
| 59.058             |

### Nom. Conductor DC Resistance:

|                     |
|---------------------|
| DCR @ 20°C (Ohm/km) |
| 9.1868              |

### Max. Operating Voltage - Non-UL:

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

### Max. Recommended Current:

|                               |
|-------------------------------|
| Current                       |
| 7.5 Amps per conductor @ 25°C |

## Put Ups and Colors:

| Item #       | Putup  | Ship Weight | Color  | Notes | Item Desc    |
|--------------|--------|-------------|--------|-------|--------------|
| 9623 0601000 | 305 MT | 89.358 KG   | CHROME | C     | 5#14 PVC PVC |
| 9623 060500  | 152 MT | 45.133 KG   | CHROME | C     | 5#14 PVC PVC |

### Notes:

C = CRATE REEL PUT-UP.

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