

## 8627 Multi-Conductor - Audio, Control, Communication and Instrumentation Cable



For more Information  
please call

1-800-Belden1

**General Description:**

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

**Physical Characteristics (Overall)****Conductor**

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 4            | 14  | 19x27     | TC - Tinned Copper |

Total Number of Conductors: 4

**Insulation**

Insulation Material:

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

**Outer Shield**

Outer Shield Material:

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

**Outer Jacket**

Outer Jacket Material:

| Outer Jacket Material    | Nom. Wall Thickness (mm) |
|--------------------------|--------------------------|
| PVC - Polyvinyl Chloride | 1.143                    |

**Overall Cable**

Overall Cabling Color Code Chart:

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

Overall Nominal Diameter: 12.446 mm

**Mechanical Characteristics (Overall)**

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

Bulk Cable Weight: 205.372 Kg/Km

Max. Recommended Pulling Tension: 845.158 N

Min. Bend Radius/Minor Axis: 127 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

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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 &amp; Cable): Yes

MII Order #39 (China RoHS): Yes

## Flame Test

UL Flame Test: 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       |
|--------------|----------|-------------|--------|-------|-----------------|
| 8627 060100  | 100 FT   | 15.500 LB   | CHROME | C     | 4 #14 PVC FRPVC |
| 8627 0601000 | 1,000 FT | 146.000 LB  | CHROME | C     | 4 #14 PVC FRPVC |

## Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2    Revision Date: 10-02-2012

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