

## 9260 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1

**Description:**

20 AWG stranded (7x28) tinned copper conductors , PVC insulation, tinned copper braid shield (85% shield coverage), PVC jacket.

**Physical Characteristics (Overall)****Conductor****AWG:**

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 6            | 20  | 7x28      | TC - Tinned Copper |

**Insulation****Insulation Material:**

| Insulation Material      | Wall Thickness (mm) |
|--------------------------|---------------------|
| PVC - Polyvinyl Chloride | 0.4064              |

**Outer Shield****Outer Shield Material:**

| Type  | Outer Shield Material | Coverage (%) |
|-------|-----------------------|--------------|
| Braid | TC - Tinned Copper    | 85           |

**Outer Jacket****Outer Jacket Material:**

| Outer Jacket Material    | Nom. Wall Thickness (mm) |
|--------------------------|--------------------------|
| PVC - Polyvinyl Chloride | 0.8128                   |

**Overall Cabling****Overall Cabling Lay Length & Direction:**

| Length (mm) |
|-------------|
| 76.1997     |

**Overall Cabling Color Code Chart:**

| Number | Color  |
|--------|--------|
| 1      | Black  |
| 2      | White  |
| 3      | Red    |
| 4      | Green  |
| 5      | Orange |
| 6      | Blue   |

**Overall Nominal Diameter:** 7.747 mm

**Mechanical Characteristics (Overall)**

|                                               |                          |
|-----------------------------------------------|--------------------------|
| <b>Operating Temperature Range:</b>           | -20°C To +80°C           |
| <b>UL Temperature Rating:</b>                 | 80°C (UL AWM Style 2464) |
| <b>Bulk Cable Weight:</b>                     | 95.691 Kg/Km             |
| <b>Max. Recommended Pulling Tension:</b>      | 400.338 N                |
| <b>Min. Bend Radius (Install)/Minor Axis:</b> | 82.550 mm                |

## 9260 Multi-Conductor - Audio, Control and Instrumentation Cable

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

|                                       |                            |
|---------------------------------------|----------------------------|
| NEC/(UL) Specification:               | CMG                        |
| CEC/C(UL) Specification:              | CMG                        |
| AWM Specification:                    | UL Style 2464 (300 V 80°C) |
| 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): | 04/01/2005                 |
| 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 FT4 Loading |
| C(UL) Flame Test: | FT4                |

## Plenum/Non-Plenum

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

## Electrical Characteristics (Overall)

## Nom. Capacitance Conductor to Conductor:

## Capacitance (pF/m)

85.306

## Nom. Capacitance Cond. to Other Conductor &amp; Shield:

## Capacitance (pF/m)

164.05

## Nom. Conductor DC Resistance:

## DCR @ 20°C (Ohm/km)

31.1695

## Nominal Outer Shield DC Resistance:

## DCR @ 20°C (Ohm/km)

9.1868

## Max. Operating Voltage - UL:

## Voltage

300 V RMS (UL AWM Style 2464)

## Max. Recommended Current:

## Current

3.2 Amps per conductor @ 25°C

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

| Item #       | Putup  | Ship Weight | Color  | Notes | Item Desc          |
|--------------|--------|-------------|--------|-------|--------------------|
| 9260 060100  | 30 MT  | 3.311 KG    | CHROME |       | 6 #20 PVC SHLD PVC |
| 9260 0601000 | 305 MT | 31.298 KG   | CHROME | C     | 6 #20 PVC SHLD PVC |
| 9260 060500  | 152 MT | 16.103 KG   | CHROME | C     | 6 #20 PVC SHLD PVC |

## Notes:

C = CRATE REEL PUT-UP.

## 9260 Multi-Conductor - Audio, Control and Instrumentation Cable

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