

## 9444 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1



## General Description:

20 AWG stranded (7x28) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

## Physical Characteristics (Overall)

## Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 4            | 20  | 7x28      | TC - Tinned Copper |

Total Number of Conductors:

4

## Insulation

Insulation Material:

| Insulation Material      | Wall Thickness (mm) |
|--------------------------|---------------------|
| PVC - Polyvinyl Chloride | 0.381               |

## Outer Shield

Outer Shield Material:

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

## Outer Jacket

Outer Jacket Material:

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

## Overall Cable

Overall Cabling Color Code Chart:

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

Overall Nominal Diameter:

5.512 mm

## Mechanical Characteristics (Overall)

|                                   |                          |
|-----------------------------------|--------------------------|
| Operating Temperature Range:      | -20°C To +80°C           |
| UL Temperature Rating:            | 80°C (UL AWM Style 2464) |
| Bulk Cable Weight:                | 44.646 Kg/Km             |
| Max. Recommended Pulling Tension: | 222.410 N                |
| Min. Bend Radius/Minor Axis:      | 57.150 mm                |

## 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 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): | 04/01/2005                 |
| EU Directive 2002/96/EC (WEEE):       | Yes                        |
| EU Directive 2003/11/EC (BFR):        | Yes                        |

## METRIC MEASUREMENT VERSION

## 9444 Multi-Conductor - Audio, Control and Instrumentation Cable

|                                   |     |
|-----------------------------------|-----|
| CA Prop 65 (CJ for Wire & Cable): | Yes |
|-----------------------------------|-----|

|                             |     |
|-----------------------------|-----|
| MII Order #39 (China RoHS): | Yes |
|-----------------------------|-----|

**Flame Test**

|                |                    |
|----------------|--------------------|
| UL Flame Test: | UL1685 FT4 Loading |
|----------------|--------------------|

|                 |     |
|-----------------|-----|
| CSA Flame Test: | FT4 |
|-----------------|-----|

**Plenum/Non-Plenum**

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

**Electrical Characteristics (Overall)****Nom. Capacitance Conductor to Conductor:**

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

|        |
|--------|
| 88.587 |
|--------|

**Nom. Conductor DC Resistance:**

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

|         |
|---------|
| 35.1067 |
|---------|

**Max. Operating Voltage - UL:**

|         |
|---------|
| Voltage |
|---------|

|                               |
|-------------------------------|
| 300 V RMS (UL AWM Style 2464) |
|-------------------------------|

**Max. Recommended Current:**

|         |
|---------|
| Current |
|---------|

|                               |
|-------------------------------|
| 3.2 Amps per conductor @ 25°C |
|-------------------------------|

**Put Ups and Colors:**

| Item #        | Putup    | Ship Weight | Color  | Notes | Item Desc       |
|---------------|----------|-------------|--------|-------|-----------------|
| 9444 060U1000 | 305 MT   | 14.515 KG   | CHROME |       | 4 #20 PVC FRPVC |
| 9444 060U500  | 152 MT   | 7.484 KG    | CHROME |       | 4 #20 PVC FRPVC |
| 9444 060100   | 30 MT    | 1.678 KG    | CHROME |       | 4 #20 PVC FRPVC |
| 9444 0601000  | 305 MT   | 14.969 KG   | CHROME | C     | 4 #20 PVC FRPVC |
| 9444 060500   | 152 MT   | 7.484 KG    | CHROME | C     | 4 #20 PVC FRPVC |
| 9444 0605000  | 1,524 MT | 70.307 KG   | CHROME |       | 4 #20 PVC FRPVC |

**Notes:**

C = CRATE REEL PUT-UP.

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