

## 8467 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1



### General Description:

18 AWG stranded (19x30) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 7            | 18  | 19x30     | TC - Tinned Copper |

Total Number of Conductors: 7

#### Insulation

Insulation Material:

| Insulation Material      | Wall Thickness (in.) |
|--------------------------|----------------------|
| PVC - Polyvinyl Chloride | 0.018                |

#### Outer Shield

Outer Shield Material:

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

#### Outer Jacket

Outer Jacket Material:

| Outer Jacket Material    | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | .037                      |

#### Overall Cable

Overall Cabling Color Code Chart:

| Number | Color  |
|--------|--------|
| 1      | Black  |
| 2      | White  |
| 3      | Red    |
| 4      | Green  |
| 5      | Brown  |
| 6      | Blue   |
| 7      | Orange |

Overall Nominal Diameter: 0.309 in.

### Mechanical Characteristics (Overall)

|                                   |                          |
|-----------------------------------|--------------------------|
| Operating Temperature Range:      | -20°C To +60°C           |
| UL Temperature Rating:            | 60°C (UL AWM Style 2598) |
| Bulk Cable Weight:                | 69 lbs/1000 ft.          |
| Max. Recommended Pulling Tension: | 146 lbs.                 |
| Min. Bend Radius/Minor Axis:      | 3.250 in.                |

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

|                                    |                            |
|------------------------------------|----------------------------|
| NEC/(UL) Specification:            | CMG                        |
| NEC Articles:                      | 800                        |
| CEC/C(UL) Specification:           | CMG                        |
| AWM Specification:                 | UL Style 2598 (300 V 60°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                        |

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

### Suitability

|                       |     |
|-----------------------|-----|
| Suitability - Indoor: | Yes |
|-----------------------|-----|

### Plenum/Non-Plenum

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

### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

26

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.3

#### Max. Operating Voltage - UL:

Voltage

300 V RMS

#### Max. Recommended Current:

| Description          | Current                               |
|----------------------|---------------------------------------|
| 10C Temperature Rise | 3.5 Amps per conductor @ 25°C ambient |

### Put Ups and Colors:

| Item #        | Putup     | Ship Weight | Color  | Notes | Item Desc     |
|---------------|-----------|-------------|--------|-------|---------------|
| 8467 060100   | 100 FT    | 7.700 LB    | CHROME |       | 7 #18 PVC PVC |
| 8467 0601000  | 1,000 FT  | 74.000 LB   | CHROME | C     | 7 #18 PVC PVC |
| 8467 06010000 | 10,000 FT | 750.000 LB  | CHROME |       | 7 #18 PVC PVC |
| 8467 060250   | 250 FT    | 18.750 LB   | CHROME | C     | 7 #18 PVC PVC |
| 8467 060500   | 500 FT    | 40.500 LB   | CHROME | C     | 7 #18 PVC PVC |
| 8467 0605000  | 5,000 FT  | 365.000 LB  | CHROME |       | 7 #18 PVC PVC |

#### Notes:

C = CRATE REEL PUT-UP.

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