

## 8469 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1

**Description:**

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

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

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 9            | 18  | 19x30     | TC - Tinned Copper |

Total Number of Conductors: 9

**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 |
| 8      | Yellow |
| 9      | Purple |

Overall Nominal Diameter: 0.364 in.

**Mechanical Characteristics (Overall)**

|                                   |                          |
|-----------------------------------|--------------------------|
| Operating Temperature Range:      | -20°C To +60°C           |
| UL Temperature Rating:            | 60°C (UL AWM Style 2598) |
| Bulk Cable Weight:                | 89 lbs/1000 ft.          |
| Max. Recommended Pulling Tension: | 187 lbs.                 |
| Min. Bend Radius/Minor Axis:      | 3.750 in.                |

## 8469 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 2598 (300 V 60°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 |
| CSA Flame Test: | FT4                |

## 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 (UL AWM Style 2598)

## Max. Recommended Current:

Current

3.5 Amps per conductor @ 25°C

## Put Ups and Colors:

| Item #       | Putup    | Ship Weight | Color  | Notes | Item Desc     |
|--------------|----------|-------------|--------|-------|---------------|
| 8469 060100  | 100 FT   | 9.800 LB    | CHROME |       | 9 #18 PVC PVC |
| 8469 0601000 | 1,000 FT | 98.000 LB   | CHROME | C     | 9 #18 PVC PVC |
| 8469 060250  | 250 FT   | 24.250 LB   | CHROME | C     | 9 #18 PVC PVC |
| 8469 060500  | 500 FT   | 48.000 LB   | CHROME | C     | 9 #18 PVC PVC |
| 8469 0605000 | 5,000 FT | 490.000 LB  | CHROME |       | 9 #18 PVC PVC |

## Notes:

C = CRATE REEL PUT-UP.

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#### Как с нами связаться

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