

## 8486 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1

**Description:**

19 AWG solid bare copper conductors, PVC insulation, twisted pair, PVC jacket.

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

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 1       | 19  | Solid     | BC - Bare Copper   |

Total Number of Conductors: 2

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

| Insulation Material      | Wall Thickness (in.) |
|--------------------------|----------------------|
| PVC - Polyvinyl Chloride | .015                 |

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

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

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

| Outer Jacket Material    | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | .025                      |

**Overall Cable**

Overall Nominal Diameter: 0.182 in.

**Pair****Pair Color Code Chart:**

| Number | Color       |
|--------|-------------|
| 1      | Brown & Tan |

**Mechanical Characteristics (Overall)**

|                                   |                     |
|-----------------------------------|---------------------|
| Operating Temperature Range:      | -20°C To +80°C      |
| Bulk Cable Weight:                | 16.800 lbs/1000 ft. |
| Max. Recommended Pulling Tension: | 31 lbs.             |
| Min. Bend Radius/Minor Axis:      | 2 in.               |

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

|                                 |     |
|---------------------------------|-----|
| NEC/(UL) Specification:         | CM  |
| CEC/C(UL) Specification:        | CM  |
| 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 &amp; Cable): Yes

MII Order #39 (China RoHS): Yes

**Plenum/Non-Plenum**

Plenum (Y/N): No

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

Capacitance (pF/ft)

23.5

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)

8.05

**Max. Operating Voltage - UL:**

Voltage

300 V RMS

**Max. Recommended Current:**

Current

4.3 Amps per conductor @ 20°C

**Put Ups and Colors:**

| Item #        | Putup    | Ship Weight | Color  | Notes | Item Desc     |
|---------------|----------|-------------|--------|-------|---------------|
| 8486 060U1000 | 1,000 FT | 18.000 LB   | CHROME |       | 2 #19 PVC PVC |
| 8486 060U500  | 500 FT   | 9.500 LB    | CHROME |       | 2 #19 PVC PVC |
| 8486 060I1000 | 1,000 FT | 19.000 LB   | CHROME | C     | 2 #19 PVC PVC |

**Notes:**

C = CRATE REEL PUT-UP.

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