

## 8795 Multi-Conductor - Conductors Cabled - Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1



### General Description:

22 AWG solid bare copper conductors, conductors cabled, polyethylene insulation, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 2            | 22  | Solid     | BC - Bare Copper   |

Total Number of Conductors: 2

#### Insulation

Insulation Material:

| Insulation Material | Wall Thickness (mm) |
|---------------------|---------------------|
| PE - Polyethylene   | 0.4572              |

#### Outer Shield

Outer Shield Material:

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

#### Outer Jacket

Outer Jacket Material:

| Outer Jacket Material    | Nom. Wall Thickness (mm) |
|--------------------------|--------------------------|
| PVC - Polyvinyl Chloride | 0.5588                   |

#### Overall Cable

Overall Cabling Color Code Chart:

| Color |
|-------|
| Green |
| Red   |

Overall Nominal Diameter: 4.267 mm

### Mechanical Characteristics (Overall)

|                                   |                          |
|-----------------------------------|--------------------------|
| Operating Temperature Range:      | -30°C To +60°C           |
| UL Temperature Rating:            | 60°C (UL AWM Style 2092) |
| Bulk Cable Weight:                | 25.299 Kg/Km             |
| Max. Recommended Pulling Tension: | 71.171 N                 |
| Min. Bend Radius/Minor Axis:      | 44.450 mm                |

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

|                                       |                            |
|---------------------------------------|----------------------------|
| NEC/(UL) Specification:               | CM                         |
| CEC/C(UL) Specification:              | CM                         |
| AWM Specification:                    | UL Style 2092 (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                        |
| EU RoHS Compliance Date (mm/dd/yyyy): | 01/01/2004                 |
| EU Directive 2002/96/EC (WEEE):       | Yes                        |
| EU Directive 2003/11/EC (BFR):        | Yes                        |
| CA Prop 65 (CJ for Wire & Cable):     | Yes                        |

## METRIC MEASUREMENT VERSION

### 8795 Multi-Conductor - Conductors Cabled - Audio, Control and Instrumentation Cable

MII Order #39 (China RoHS): Yes

#### Flame Test

UL Flame Test: UL1685 UL Loading

#### Plenum/Non-Plenum

Plenum (Y/N): No

#### Electrical Characteristics (Overall)

##### Nom. Inductance:

Inductance (µH/m)  
0.72182

##### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)  
52.496

##### Nominal Velocity of Propagation:

VP (%)  
66

##### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)  
52.496

##### Max. Operating Voltage - UL:

Voltage  
300 V RMS

##### Max. Recommended Current:

Current  
3 Amps per conductor @ 25°C

#### Put Ups and Colors:

| Item #       | Putup    | Ship Weight | Color      | Notes | Item Desc      |
|--------------|----------|-------------|------------|-------|----------------|
| 8795 606U500 | 500 FT   | 10.000 LB   | GRAY, ROSE |       | 2 #22 FRPE PVC |
| 8795 6061000 | 1,000 FT | 19.000 LB   | GRAY, ROSE | C     | 2 #22 FRPE PVC |

Notes:  
C = CRATE REEL PUT-UP.

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