

**6500UE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled**

For more Information  
please call

1-800-Belden1

**General Description:**

Security & Commercial Audio Cable, Plenum-CMP 2-22 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

**Usage (Overall)**

Suitable Applications: Intercom/PA Systems, Sound/Audio Systems

**Physical Characteristics (Overall)****Conductor**

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 2            | 22  | 7x30      | BC - Bare Copper   |

Total Number of Conductors: 2

**Insulation**

Insulation Material:

| Insulation Trade Name | Insulation Material                   | Wall Thickness (in.) |
|-----------------------|---------------------------------------|----------------------|
| Flamarrest®           | LS PVC - Low Smoke Polyvinyl Chloride | 0.008                |

**Outer Shield**

Outer Shield Material:

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

**Outer Jacket**

Outer Jacket Material:

| Outer Jacket Trade Name | Outer Jacket Material                 | Nom. Wall Thickness (in.) |
|-------------------------|---------------------------------------|---------------------------|
| Flamarrest®             | LS PVC - Low Smoke Polyvinyl Chloride | .015                      |

Outer Jacket Ripcord: Yes

**Overall Cable**

Overall Cabling Lay Length & Direction:

| Length (in.) | Twists (twist/ft) |
|--------------|-------------------|
| 3            | 4                 |

Overall Cabling Color Code Chart:

| Number | Color |
|--------|-------|
| 1      | Black |
| 2      | Red   |

Overall Nominal Diameter: 0.120 in.

**Mechanical Characteristics (Overall)**

|                                   |                    |
|-----------------------------------|--------------------|
| Installation Temperature Range:   | 0°C To +75°C       |
| Operating Temperature Range:      | -10°C To +75°C     |
| UL Temperature Rating:            | 75°C               |
| Bulk Cable Weight:                | 8.900 lbs/1000 ft. |
| Max. Recommended Pulling Tension: | 18.200 lbs.        |
| Min. Bend Radius/Minor Axis:      | 1.250 in.          |

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

|                                    |     |
|------------------------------------|-----|
| NEC/(UL) Specification:            | CMP |
| NEC Articles:                      | 800 |
| CEC/C(UL) Specification:           | CMP |
| EU Directive 2011/65/EU (ROHS II): | Yes |

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|                                       |            |
|---------------------------------------|------------|
| 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:    | NFPA 262 |
| C(UL) Flame Test: | FT6      |

**Plenum/Non-Plenum**

|                    |        |
|--------------------|--------|
| Plenum (Y/N):      | Yes    |
| Non-Plenum Number: | 5500UE |

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

Capacitance (pF/ft)

27.000

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)

16.1

**Max. Operating Voltage - UL:**

Voltage

300 V RMS

**Max. Recommended Current:**

Current

2.8 Amps per conductor @ 25°C

**Put Ups and Colors:**

| Item #          | Putup    | Ship Weight | Color   | Notes | Item Desc         |
|-----------------|----------|-------------|---------|-------|-------------------|
| 6500UE 0101000  | 1,000 FT | 9.000 LB    | BLACK   |       | 2 #22 FLRST FLRST |
| 6500UE 877C1000 | 1,000 FT | 8.000 LB    | NATURAL |       | 2 #22 FLRST FLRST |
| 6500UE 877U1000 | 1,000 FT | 10.000 LB   | NATURAL |       | 2 #22 FLRST FLRST |
| 6500UE 8771000  | 1,000 FT | 9.000 LB    | NATURAL |       | 2 #22 FLRST FLRST |

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