

## 6100UE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information  
please call

1-800-Belden1

**Description:**

14 AWG bare copper conductors, Flamarrest® insulation, conductors cabled, Flamarrest® jacket with ripcord, sequential footage marking every two feet.

**Usage (Overall)**

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

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

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 2            | 14  | 19x27     | 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 | .010                 |

**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.) |
|--------------|
| 3.75         |

Overall Cabling Color Code Chart:

| Number | Color |
|--------|-------|
| 1      | Black |
| 2      | White |

Overall Nominal Diameter: 0.218 in.

**Mechanical Characteristics (Overall)**

Operating Temperature Range: 0°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 36 lbs/1000 ft.

Max. Recommended Pulling Tension: 95 lbs.

Min. Bend Radius/Minor Axis: 2.180 in.

**6100UE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled****Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

|                                       |            |
|---------------------------------------|------------|
| NEC/(UL) Specification:               | CL2P       |
| NEC Articles:                         | 725        |
| 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 |
|----------------|----------|

**Plenum/Non-Plenum**

|                    |        |
|--------------------|--------|
| Plenum (Y/N):      | Yes    |
| Non-Plenum Number: | 5100UE |

**Electrical Characteristics (Overall)****Nom. Inductance:**

|                    |
|--------------------|
| Inductance (μH/ft) |
| 0.145              |

**Nom. Capacitance Conductor to Conductor:**

|                     |
|---------------------|
| Capacitance (pF/ft) |
| 36.000              |

**Nom. Conductor DC Resistance:**

|                          |
|--------------------------|
| DCR @ 20°C (Ohm/1000 ft) |
| 2.53                     |

**Max. Operating Voltage - UL:**

|           |
|-----------|
| Voltage   |
| 150 V RMS |

**Max. Recommended Current:**

|                             |
|-----------------------------|
| Current                     |
| 8 Amps per conductor @ 25°C |

**Put Ups and Colors:**

| Item #          | Putup    | Ship Weight | Color   | Notes | Item Desc         |
|-----------------|----------|-------------|---------|-------|-------------------|
| 6100UE 008U1000 | 1,000 FT | 39.000 LB   | GRAY    |       | 2 #14 FLRST FLRST |
| 6100UE 009U1000 | 1,000 FT | 39.000 LB   | WHITE   |       | 2 #14 FLRST FLRST |
| 6100UE 010U1000 | 1,000 FT | 39.000 LB   | BLACK   |       | 2 #14 FLRST FLRST |
| 6100UE 877U1000 | 1,000 FT | 39.000 LB   | NATURAL |       | 2 #14 FLRST FLRST |
| 6100UE 8771000  | 1,000 FT | 38.000 LB   | NATURAL | C     | 2 #14 FLRST FLRST |
| 6100UE 877500   | 500 FT   | 19.500 LB   | NATURAL |       | 2 #14 FLRST FLRST |

**Notes:**

C = CRATE REEL PUT-UP.

## 6100UE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled

Revision Number: 2    Revision Date: 06-02-2008

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