

6300UE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information
please call

1-800-Belden1



Description:

18 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 | 18 | 7x26 | 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) |
|--------------|-------------------|
| 3.5 | 3.4 |

Overall Cabling Color Code Chart:

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

Overall Nominal Diameter: 0.154 in.

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 16 lbs/1000 ft.

Max. Recommended Pulling Tension: 45 lbs.

Min. Bend Radius/Minor Axis: 1.550 in.

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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|---------------------------------------|------------|
| NEC/(UL) Specification: | CMP |
| NEC Articles: | 800 |
| CEC/C(UL) Specification: | CMP |
| 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: | 5300UE |

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)

.15

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

34.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.5

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

5 Amps per conductor @ 25°C

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|-----------------|----------|-------------|--------|-------|-------------------|
| 6300UE 004U1000 | 1,000 FT | 18.000 LB | YELLOW | | 2 #18 FLRST FLRST |
| 6300UE 004I1000 | 1,000 FT | 18.000 LB | YELLOW | C | 2 #18 FLRST FLRST |
| 6300UE 007I1000 | 1,000 FT | 18.000 LB | VIOLET | C | 2 #18 FLRST FLRST |
| 6300UE 008U1000 | 1,000 FT | 18.000 LB | GRAY | | 2 #18 FLRST FLRST |
| 6300UE 008U500 | 500 FT | 9.500 LB | GRAY | | 2 #18 FLRST FLRST |
| 6300UE 008I1000 | 1,000 FT | 18.000 LB | GRAY | C | 2 #18 FLRST FLRST |
| 6300UE 009U1000 | 1,000 FT | 18.000 LB | WHITE | | 2 #18 FLRST FLRST |
| 6300UE 010U1000 | 1,000 FT | 18.000 LB | BLACK | | 2 #18 FLRST FLRST |
| 6300UE 010U500 | 500 FT | 9.500 LB | BLACK | | 2 #18 FLRST FLRST |
| 6300UE 010I1000 | 1,000 FT | 18.000 LB | BLACK | C | 2 #18 FLRST FLRST |

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| | | | | | |
|-----------------|----------|-----------|--------------|---|-------------------|
| 6300UE 0105000 | 5,000 FT | 90.000 LB | BLACK | | 2 #18 FLRST FLRST |
| 6300UE 012U1000 | 1,000 FT | 18.000 LB | PINK | | 2 #18 FLRST FLRST |
| 6300UE 3371000 | 1,000 FT | 18.000 LB | GREEN, LIGHT | C | 2 #18 FLRST FLRST |
| 6300UE 877U1000 | 1,000 FT | 18.000 LB | NATURAL | | 2 #18 FLRST FLRST |
| 6300UE 877U500 | 500 FT | 9.500 LB | NATURAL | | 2 #18 FLRST FLRST |
| 6300UE 8771000 | 1,000 FT | 18.000 LB | NATURAL | C | 2 #18 FLRST FLRST |
| 6300UE 877500 | 500 FT | 9.500 LB | NATURAL | | 2 #18 FLRST FLRST |

Notes:

C = CRATE REEL PUT-UP.

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