

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

For more Information
please call

1-800-Belden1

**General Description:**

Security & Commercial Audio Cable, Plenum-CMP 2-18 AWG stranded tinned 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 | 18 | 7x26 | TC - Tinned Copper |

Total Number of Conductors: 2

Insulation

Insulation Material:

| Insulation Trade Name | Insulation Material | Wall Thickness (mm) |
|-----------------------|---------------------------------------|---------------------|
| Flamarrest® | LS PVC - Low Smoke Polyvinyl Chloride | 0.203 |

Outer Shield

Outer Shield Material:

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

Outer Jacket

Outer Jacket Material:

| Outer Jacket Trade Name | Outer Jacket Material | Nom. Wall Thickness (mm) |
|-------------------------|---------------------------------------|--------------------------|
| Flamarrest® | LS PVC - Low Smoke Polyvinyl Chloride | 0.381 |

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Color Code Chart:

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

Overall Nominal Diameter: 4.013 mm

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 25.299 Kg/Km

Max. Recommended Pulling Tension: 200.169 N

Min. Bend Radius/Minor Axis: 44.450 mm

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

NEC/(UL) Specification: CMP

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

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

| |
|-------------------|
| Inductance (µH/m) |
| 0.49215 |

Nom. Capacitance Conductor to Conductor:

| |
|--------------------|
| Capacitance (pF/m) |
| 111.554 |

Nom. Conductor DC Resistance:

| |
|---------------------|
| DCR @ 20°C (Ohm/km) |
| 21.3265 |

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 |
|-----------------|----------|-------------|---------|-------|-------------------|
| 6300UH 008U1000 | 1,000 FT | 19.000 LB | GRAY | | 2 #18 FLRST FLRST |
| 6300UH 008Z1000 | 1,000 FT | 21.000 LB | GRAY | | 2 #18 FLRST FLRST |
| 6300UH 0081000 | 1,000 FT | 18.000 LB | GRAY | | 2 #18 FLRST FLRST |
| 6300UH 009U1000 | 1,000 FT | 19.000 LB | WHITE | | 2 #18 FLRST FLRST |
| 6300UH 009U500 | 500 FT | 9.500 LB | WHITE | | 2 #18 FLRST FLRST |
| 6300UH 010U1000 | 1,000 FT | 19.000 LB | BLACK | | 2 #18 FLRST FLRST |
| 6300UH 0101000 | 1,000 FT | 18.000 LB | BLACK | | 2 #18 FLRST FLRST |
| 6300UH 877U1000 | 1,000 FT | 19.000 LB | NATURAL | | 2 #18 FLRST FLRST |
| 6300UH 8771000 | 1,000 FT | 18.000 LB | NATURAL | | 2 #18 FLRST FLRST |

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