

6200UH Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information
please call

1-800-Belden1



General Description:

Security & Commercial Audio Cable, Plenum-CMP 2-16 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 | 16 | 19x29 | 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: 4.674 mm

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 35.717 Kg/Km

Max. Recommended Pulling Tension: 270.451 N

Min. Bend Radius/Minor Axis: 50.800 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMP

METRIC MEASUREMENT VERSION

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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 |
| CSA Flame Test: | FT6 |

Suitability

| | |
|-----------------------|-----|
| Suitability - Indoor: | Yes |
|-----------------------|-----|

Plenum/Non-Plenum

| | |
|--------------------|--------|
| Non-Plenum Number: | 5200UH |
|--------------------|--------|

Electrical Characteristics (Overall)

Nom. Inductance:

| |
|-------------------|
| Inductance (µH/m) |
| 0.476 |

Nom. Capacitance Conductor to Conductor:

| |
|--------------------|
| Capacitance (pF/m) |
| 119.757 |

Nom. Conductor DC Resistance:

| |
|---------------------|
| DCR @ 20°C (Ohm/km) |
| 12.4678 |

Max. Operating Voltage - UL:

| |
|-----------|
| Voltage |
| 300 V RMS |

Max. Recommended Current:

| Description | Current |
|----------------------|--|
| 10C Temperature Rise | 6.25 Amps per conductor @ 25°C ambient |

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|-----------------|----------|-------------|---------|-------|-------------------|
| 6200UH 008U1000 | 1,000 FT | 26.000 LB | GRAY | | 2 #16 FLRST FLRST |
| 6200UH 009U1000 | 1,000 FT | 26.000 LB | WHITE | | 2 #16 FLRST FLRST |
| 6200UH 010U1000 | 1,000 FT | 26.000 LB | BLACK | | 2 #16 FLRST FLRST |
| 6200UH 010Z1000 | 1,000 FT | 28.000 LB | BLACK | | 2 #16 FLRST FLRST |
| 6200UH 877U1000 | 1,000 FT | 26.000 LB | NATURAL | | 2 #16 FLRST FLRST |
| 6200UH 8771000 | 1,000 FT | 26.000 LB | NATURAL | | 2 #16 FLRST FLRST |
| 6200UH 877500 | 500 FT | 13.500 LB | NATURAL | | 2 #16 FLRST FLRST |

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