

6320FE 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 solid bare copper conductors with Flamarrest® insulation, Beldfoil® shield and Flamarrest® jacket with ripcord

Usage (Overall)

Suitable Applications: Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls

Physical Characteristics (Overall)**Conductor****AWG:**

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 2 | 18 | Solid | BC - Bare Copper |

Total Number of Conductors: 2

Insulation**Insulation Material:**

| Insulation Trade Name | Insulation Material | Wall Thickness (mm) |
|-----------------------|---------------------------------------|---------------------|
| Flamarrest® | LS PVC - Low Smoke Polyvinyl Chloride | 0.229 |

Outer Shield**Outer Shield Material:**

| Outer Shield Trade Name | Type | Outer Shield Material | Coverage (%) |
|-------------------------|------|--|--------------|
| Beldfoil® | Tape | Aluminum Foil-Polyester Tape w/Shorting Fold | 100 |

Outer Shield Drain Wire AWG:

| AWG | Stranding | Drain Wire Conductor Material |
|-----|-----------|-------------------------------|
| 20 | 7x28 | TC - Tinned Copper |

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 Lay Length & Direction:**

| Length (mm) | Twists (twist/m) |
|-------------|------------------|
| 76.1997 | 13.124 |

Overall Cabling Color Code Chart:

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

Overall Nominal Diameter: 3.810 mm

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

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| | |
|--|--------------|
| Bulk Cable Weight: | 29.615 Kg/Km |
| Max. Recommended Pulling Tension: | 236.644 N |
| Min. Bend Radius/Minor Axis: | 38.100 mm |

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 |
| 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: | 5320FE |

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

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

Nom. Capacitance Conductor to Conductor:

| |
|---------------------------|
| Capacitance (pF/m) |
| 229.67 |

Nom. Capacitance Cond. to Other Conductor & Shield:

| |
|---------------------------|
| Capacitance (pF/m) |
| 413.406 |

Nom. Conductor DC Resistance:

| |
|----------------------------|
| DCR @ 20°C (Ohm/km) |
| 20.9984 |

Nominal Outer Shield DC Resistance:

| |
|----------------------------|
| DCR @ 20°C (Ohm/km) |
| 24.9356 |

Max. Operating Voltage - UL:

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

Max. Recommended Current:

| |
|-----------------------------|
| Current |
| 5 Amps per conductor @ 25°C |

Put Ups and Colors:

METRIC MEASUREMENT VERSION

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| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|-----------------|----------|-------------|---------|-------|----------------------|
| 6320FE 877Z1000 | 1,000 FT | 23.000 LB | NATURAL | | 2 #18 FLRST FS FLRST |
| 6320FE 8771000 | 1,000 FT | 22.000 LB | NATURAL | C | 2 #18 FLRST FS FLRST |

Notes:

C = CRATE REEL PUT-UP.

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