

## 6000FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information  
please call

1-800-Belden1



### Description:

12 AWG bare copper conductors, Flamarrest® insulation, conductors cabled, Overall Beldfoil® tape shield (foil side out) and drain wire, 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	12	19x25	BC - Bare Copper

#### Insulation

**Insulation Material:**

Insulation Trade Name	Insulation Material	Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	.011

#### 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 (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	.015

**Outer Jacket Ripcord:** Yes

#### Overall Cable

**Overall Cabling Lay Length & Direction:**

Length (in.)	Twists (ft.)
3.5	3.4

**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	White

**Overall Nominal Diameter:** 0.260 in.

### Mechanical Characteristics (Overall)

**UL Temperature Rating:** 75°C

**Bulk Cable Weight:** 63.900 lbs/1000 ft.

**Max. Recommended Pulling Tension:** 182.400 lbs.

**Min. Bend Radius (Install)/Minor Axis:** 2.600 in.

## 6000FE 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: UL Steiner Tunnel

#### Plenum/Non-Plenum

Plenum (Y/N): Yes

Non-Plenum Number: 5000FE

### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance (µH/ft)

.14

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

97

#### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

174.6

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

1.6

#### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

7.200

#### Max. Operating Voltage - UL:

Voltage

150 V RMS

#### Max. Recommended Current:

Current

12 Amps per conductor @ 25°C

### Related Documents:

No related documents are available for this product

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6000FE 8771000	1,000 FT	68.000 LB	NATURAL	C	2 #12 FLRST FS FLRST

#### Notes:

C = CRATE REEL PUT-UP.

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