

## 6320FE 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, Overall Beldfoil® tape shield (foil side out) and drain wire, Flamarrest® jacket with ripcord, sequential footage marking every two feet.

**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

**Insulation**

**Insulation Material:**

Insulation Trade Name	Insulation Material	Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.009

**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	4

**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	Red

**Overall Nominal Diameter:** 0.150 in.

**Mechanical Characteristics (Overall)**

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

**UL Temperature Rating:** 75°C

**Bulk Cable Weight:** 19.900 lbs/1000 ft.

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<b>Max. Recommended Pulling Tension:</b>	53.200 lbs.
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<b>Min. Bend Radius (Install)/Minor Axis:</b>	1.500 in.
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**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

<b>NEC/(UL) Specification:</b>	CMP
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<b>NEC Articles:</b>	800
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<b>CEC/C(UL) Specification:</b>	CMP
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<b>EU CE Mark:</b>	Yes
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<b>EU Directive 2000/53/EC (ELV):</b>	Yes
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<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
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<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	04/01/2005
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<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
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<b>EU Directive 2003/11/EC (BFR):</b>	Yes
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<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
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<b>MII Order #39 (China RoHS):</b>	Yes
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**Flame Test**

<b>UL Flame Test:</b>	NFPA 262
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<b>C(UL) Flame Test:</b>	FT6
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**Plenum/Non-Plenum**

<b>Plenum (Y/N):</b>	Yes
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<b>Non-Plenum Number:</b>	5320FE
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**Electrical Characteristics (Overall)****Nom. Inductance:**

<b>Inductance (μH/ft)</b>
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.15
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**Nom. Capacitance Conductor to Conductor:**

<b>Capacitance (pF/ft)</b>
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70
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**Nom. Capacitance Cond. to Other Conductor & Shield:**

<b>Capacitance (pF/ft)</b>
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126
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**Nom. Conductor DC Resistance:**

<b>DCR @ 20°C (Ohm/1000 ft)</b>
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6.4
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**Nominal Outer Shield DC Resistance:**

<b>DCR @ 20°C (Ohm/1000 ft)</b>
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7.6
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**Max. Operating Voltage - UL:**

<b>Voltage</b>
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300 V RMS
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**Max. Recommended Current:**

<b>Current</b>
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5 Amps per conductor @ 25°C
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**Related Documents:**

No related documents are available for this product

**6320FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled****Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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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