

## 6200FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information  
please call

1-800-Belden1

**Description:**

16 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	16	19x29	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
24	7x32	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	4.0

**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	Red

**Overall Nominal Diameter:** 0.184 in.

**Mechanical Characteristics (Overall)**

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

**UL Temperature Rating:** 75°C

**Bulk Cable Weight:** 31 lbs/1000 ft.

## 6200FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled

Max. Recommended Pulling Tension:	85.500 lbs.
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Min. Bend Radius (Install)/Minor Axis:	1.900 in.
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## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

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

UL Flame Test:	NFPA 262
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C(UL) Flame Test:	FT6
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## Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Plenum Number:	5200FE
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## Electrical Characteristics (Overall)

## Nom. Inductance:

Inductance (μH/ft)

.15

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

81.5

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

Capacitance (pF/ft)

146.7

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

4.0

## Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

15.900

## Max. Operating Voltage - UL:

Voltage

300 V RMS

## Max. Recommended Current:

Current

6.25 Amps per conductor @ 25°C

## Related Documents:

No related documents are available for this product

**6200FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled****Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6200FE 8771000	1,000 FT	33.000 LB	NATURAL	C	2 #16 FLRST FS FLRST
6200FE 877500	500 FT	16.500 LB	NATURAL		2 #16 FLRST FS FLRST

**Notes:**

C = CRATE REEL PUT-UP.

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