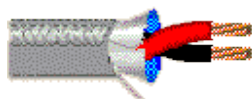


## 5000FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information  
please call

1-800-Belden1



### Description:

12 AWG bare copper conductors, PP insulation, conductors cabled, Beldfoil® shield tape (foil side out) with drain wire, PVC jacket with ripcord, sequential footage marking every two feet.

### Usage (Overall)

**Suitable Applications:** Intercom/PA Systems, Sound/Audio Systems, Fire Alarm Systems (For color Red only)

### Physical Characteristics (Overall)

#### Conductor

**AWG:**

# Conductors	AWG	Stranding	Conductor Material
2	12	19x25	BC - Bare Copper

#### Insulation

**Insulation Material:**

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.014

#### 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 Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.017

**Outer Jacket Ripcord:** Yes

#### Overall Cable

**Overall Cabling Lay Length & Direction:**

Length (in.)
3.5

**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	White

**Overall Nominal Diameter:** 0.264 in.

### Mechanical Characteristics (Overall)

**Operating Temperature Range:** -20°C To +75°C

**UL Temperature Rating:** 75°C

**Bulk Cable Weight:** 62.500 lbs/1000 ft.

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Max. Recommended Pulling Tension:	182.400 lbs.
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Min. Bend Radius (Install)/Minor Axis:	2.625 in.
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### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CL3R, FPLR
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NEC Articles:	725 or 760
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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:	UL1666 Vertical Shaft
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CSA Flame Test:	FT4
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#### Plenum/Non-Plenum

Plenum (Y/N):	No
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Plenum Number:	6000FE
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### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance (µH/ft)
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0.140
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#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
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64.000
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#### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
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115.250
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#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
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1.6
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#### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
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7.100
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#### Max. Operating Voltage - UL:

Voltage
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300 V RMS
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#### Max. Recommended Current:

Current
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12 Amps per conductor @ 25°C
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### Related Documents:

No related documents are available for this product

### Put Ups and Colors:

## 5000FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5000FE 0021000	1,000 FT	58.000 LB	RED	C	2 #12 PP FS FRPVC
5000FE 0081000	1,000 FT	58.000 LB	GRAY	C	2 #12 PP FS FRPVC
5000FE 008500	500 FT	29.500 LB	GRAY	C	2 #12 PP FS FRPVC

**Notes:**

C = CRATE REEL PUT-UP.

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