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**5500FE**



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

Security & Alarm Cable, Riser-CMR, 2-22 AWG stranded bare copper conductors with polyolefin insulation, Beldfoil® shield and PVC jacket with ripcord

**For more Information  
Please call**

**1-800-Belden1**



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## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5500FE 008U1000	1,000 FT	11.000 LB	GRAY		2 #22 PP FS FRPVC
5500FE 008U500	500 FT	6.000 LB	GRAY		2 #22 PP FS FRPVC
5500FE 0081000	1,000 FT	11.000 LB	GRAY		2 #22 PP FS FRPVC
5500FE 008500	500 FT	5.500 LB	GRAY		2 #22 PP FS FRPVC
5500FE 009U1000	1,000 FT	11.000 LB	WHITE		2 #22 PP FS FRPVC
5500FE 010U1000	1,000 FT	11.000 LB	BLACK		2 #22 PP FS FRPVC

## Usage (Overall)

**Suitable Applications:**

Intercom/PA Systems, Sound/Audio Systems

## Physical Characteristics (Overall)

### Conductor

**AWG:**

# Conductors	AWG	Stranding	Conductor Material
2	22	7x30	BC - Bare Copper

**Total Number of Conductors:**

2

### Insulation

**Insulation Material:**

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	0.008

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	7x#32	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.)	Direction	Twists (twist/ft)
2.500	Left Hand	4.800

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter: 0.126 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	9.500 lbs/1000 ft.
Max. Recommended Pulling Tension:	23.700 lbs.
Min. Bend Radius/Minor Axis:	1.250 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMR
NEC Articles:	800
CEC/C(UL) Specification:	CMG
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:	UL1666 Vertical Shaft
C(UL) Flame Test:	FT4

Suitability

Suitability - Indoor:	Yes
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Plenum/Non-Plenum

Plenum Number:	6500FE
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Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
34.500

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
62.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
16.1

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
16.1

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Description	Current
10C Temperature Rise	2.8 Amps per conductor @ 25°C ambient

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