

## 5520FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information  
please call

1-800-Belden1



### Description:

22 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

### Physical Characteristics (Overall)

#### Conductor

**AWG:**

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

**Total Number of Conductors:** 2

#### Insulation

**Insulation Material:**

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	0.007

#### 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	Solid	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.)	Twists (twist/ft)
1.500	8.000

**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	Red

**Overall Nominal Diameter:** 0.118 in.

### Mechanical Characteristics (Overall)

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

**UL Temperature Rating:** 75°C

**Bulk Cable Weight:** 13.100 lbs/1000 ft.

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Max. Recommended Pulling Tension:	23.400 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 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

#### Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6520FE

### Surface Printing (Overall)

### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance (µH/ft)  
0.170

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)  
40.000

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

Capacitance (pF/ft)  
72.000

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)  
15.7

#### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)  
17.900

#### Max. Operating Voltage - UL:

Voltage  
300 V RMS

#### Max. Recommended Current:

Current  
2.8 Amps per conductor @ 25°C

### Put Ups and Colors:

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Item #	Putup	Ship Weight	Color	Notes	Item Desc
5520FE 008C1000	1,000 FT	9.000 LB	GRAY		2 #22 PP FS FRPVC
5520FE 008U1000	1,000 FT	10.000 LB	GRAY		2 #22 PP FS FRPVC
5520FE 0081000	1,000 FT	10.000 LB	GRAY		2 #22 PP FS FRPVC

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#### Как с нами связаться

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