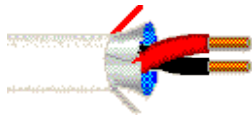


## 6520FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information  
please call

1-800-Belden1



### General Description:

Security & Commercial Audio Cable, Plenum-CMP, 2-22 AWG solid bare copper conductors with Flamarrest® insulation, Beldfoil® shield and Flamarrest® jacket with ripcord

### Usage (Overall)

**Suitable Applications:** Intercom/PA Systems and 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 Trade Name	Insulation Material	Wall Thickness (mm)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.229

#### 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
22	Solid	TC - Tinned Copper

#### Outer Jacket

**Outer Jacket Material:**

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (mm)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.381

**Outer Jacket Ripcord:** Yes

#### Overall Cable

**Overall Cabling Lay Length & Direction:**

Length (mm)	Twists (twist/m)
44.449825	22.6389

**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	Red

**Overall Nominal Diameter:** 3.099 mm

### Mechanical Characteristics (Overall)

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

**UL Temperature Rating:** 75°C

**Bulk Cable Weight:** 17.412 Kg/Km

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Max. Recommended Pulling Tension:	104.088 N
Min. Bend Radius/Minor Axis:	31.750 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMP
NEC Articles:	800
CEC/C(UL) Specification:	CMP
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:	NFPA 262
C(UL) Flame Test:	FT6

#### Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	5520FE

### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance (µH/m)	0.59058
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#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)	167.331
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#### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)	301.196
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#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)	51.5117
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#### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)	37.7315
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#### Max. Operating Voltage - UL:

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

Current	2.8 Amps per conductor @ 25°C
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### Put Ups and Colors:

## 6520FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6520FE 877C1000	1,000 FT	11.000 LB	NATURAL		2 #22 FLST FS FLRST
6520FE 877U1000	1,000 FT	13.000 LB	NATURAL		2 #22 FLRST FS FLRST
6520FE 877Z1000	1,000 FT	83.000 LB	NATURAL		2 #22 FLRST FS FLRST
6520FE 8771000	1,000 FT	13.000 LB	NATURAL		2 #22 FLRST FS FLRST

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