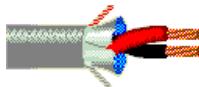


# Detailed Specifications & Technical Data



METRIC MEASUREMENT VERSION

## 5600FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



**Call**  
Customer Service  
**1-800-BELDEN 1**

For more Information  
please call

1-800-Belden1



### General Description:

Security & Alarm Cable, Riser-CMR, 2-24 AWG stranded bare copper conductors with PVC insulation, Beldfoil® shield and PVC jacket with ripcord

### Usage (Overall)

Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems
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### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	24	7x32	BC - Bare Copper

Total Number of Conductors: 2

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.254

#### 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 Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.381

Outer Jacket Ripcord: Yes

#### Overall Cable

Overall Cabling Lay Length & Direction:

Length (mm)	Twists (twist/m)
31.749875	31.4976

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter: 3.048 mm

### Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 13.840 Kg/Km

Max. Recommended Pulling Tension: 73.395 N

Min. Bend Radius/Minor Axis: 30.480 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMR

NEC Articles: 800

# Detailed Specifications & Technical Data



## METRIC MEASUREMENT VERSION

### 5600FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled

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

#### Plenum/Non-Plenum

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

##### Nom. Inductance:

Inductance ( $\mu$ H/m)
0.62339

##### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
134.521

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

Capacitance (pF/m)
242.138

##### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
74.4787

##### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
52.8241

##### Max. Operating Voltage - UL:

Voltage
300 V RMS

##### Max. Recommended Current:

Current
2 Amps per conductor @ 25°C

#### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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Revision Number: 1 Revision Date: 03-11-2013

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