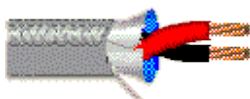


## 5300FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information  
please call

1-800-Belden1

**Description:**

18 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	18	7x26	BC - Bare Copper

**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	7x32	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 (ft.)
1.750	6.900

**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	Red

**Overall Nominal Diameter:** 0.162 in.

**Mechanical Characteristics (Overall)**

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

**UL Temperature Rating:** 75°C

**Bulk Cable Weight:** 22 lbs/1000 ft.

**Max. Recommended Pulling Tension:** 57.500 lbs.

## 5300FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled

Min. Bend Radius (Install)/Minor Axis:	1.600 in.
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## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; 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 Number:	6300FE
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## Surface Printing (Overall)

## Electrical Characteristics (Overall)

## Nom. Inductance:

Inductance (μH/ft)
0.145

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
53.000

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

Capacitance (pF/ft)
95.500

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.5

## Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
16.750

## Max. Operating Voltage - UL:

Voltage
300 V RMS

## Max. Recommended Current:

Current
5 Amps per conductor @ 25°C

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

**5300FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5300FE 008U1000	1,000 FT	19.000 LB	GRAY		2 #18 PP FS FRPVC
5300FE 008U500	500 FT	10.000 LB	GRAY		2 #18 PP FS FRPVC
5300FE 0081000	1,000 FT	19.000 LB	GRAY	C	2 #18 PP FS FRPVC
5300FE 008500	500 FT	9.500 LB	GRAY		2 #18 PP FS FRPVC
5300FE 010U1000	1,000 FT	19.000 LB	BLACK		2 #18 PP FS FRPVC
5300FE 0101000	1,000 FT	19.000 LB	BLACK		2 #18 PP FS FRPVC

**Notes:**

C = CRATE REEL PUT-UP.

Revision Number: 2    Revision Date: 10-18-2010

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