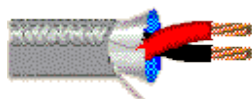


5000FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information
please call

1-800-Belden1

**Description:**

12 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, Fire Alarm Systems (For color Red only)

Physical Characteristics (Overall)**Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
2	12	19x25	BC - Bare Copper

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.3556

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
20	7x28	TC - Tinned Copper

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.432

Outer Jacket Ripcord:

Yes

Overall Cabling**Overall Cabling Lay Length & Direction:**

Length (mm)
88.89965

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	White

Overall Nominal Diameter:

6.706 mm

Mechanical Characteristics (Overall)**Operating Temperature Range:**

-20°C To +75°C

UL Temperature Rating:

75°C

Bulk Cable Weight:

93.013 Kg/Km

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Max. Recommended Pulling Tension:	811.352 N
Min. Bend Radius (Install)/Minor Axis:	66.675 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CL3R, FPLR
NEC Articles:	725 or 760
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
CSA Flame Test:	FT4

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6000FE

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (μH/m)
0.459

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
209.984

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)
378.135

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
5.2496

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
23.295

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
12 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

METRIC MEASUREMENT VERSION

5000FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5000FE 0021000	305 MT	26.308 KG	RED	C	2 #12 PP FS FRPVC
5000FE 0081000	305 MT	26.308 KG	GRAY	C	2 #12 PP FS FRPVC
5000FE 008500	152 MT	13.381 KG	GRAY	C	2 #12 PP FS FRPVC

Notes:

C = CRATE REEL PUT-UP.

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