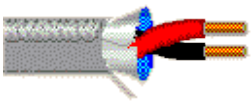
Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION

5320FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information please call

1-800-Belden1

General Description:

Security & Commercial Audio Cable, Riser-CMR, 2-18 AWG solid bare copper conductors with polyolefin insulation, Beldfoil® shield and PVC jacket with ripcord

Usage (Overall)

Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	18	Solid	BC - Bare Copper

Total Number of Conductors:	2

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
Polypropylene	0.178

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 Cable

Overall Cabling Lay Length & Direction:

Length (mm)	Twists (twist/m)
76.1997	13.124

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter:	3.734 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	29.318 Kg/Km

Max. Recommended Pulling Tension:	236.644 N
Min. Bend Radius/Minor Axis:	38.100 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMR
NEC Articles:	800
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
Plenum Number:	6320FE

Surface Printing (Overall)

Surface Printing:	NEW GENERATION(R) BY BELDEN-M 5320FE CMR 75C 2C18 SHIELDED (UL) E108998 OR C(UL) CMG (2 FT., 7 DIGIT SEQUENTIAL) FEET

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m)
0.52496

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
98.430

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)
177.174

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
21.3265

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
24.9356

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current

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5 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5320FE 008U1000	1,000 FT	18.000 LB	GRAY		2 #18 PP FS FRPVC
5320FE 008Z1000	1,000 FT	20.000 LB	GRAY		2 #18 PO FS FRPVC
5320FE 0081000	1,000 FT	18.000 LB	GRAY		2 #18 PP FS FRPVC

Revision Number: 1 Revision Date: 04-05-2013

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