Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



6320FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information please call

1-800-Belden1



Description:

18 AWG bare copper conductors, Flamarrest® insulation, conductors cabled, Overall Beldfoil® tape shield (foil side out) and drain wire, Flamarrest® jacket with ripcord, sequential footage marking every two feet.

Usage (Overall)

Suitable Applications:

Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls

Physical Characteristics (Overall)

Conductor

AWG:

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

Insulation

Insulation Material:

Insulation Trade Name		Insulation Material	Wall Thickness (in.)
	Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.009

Outer Shield

Outer Shield Material:

Outer Shield Trade Name Type		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:

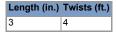
Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	.015

Outer Jacket Ripcord:

Yes

Overall Cable

Overall Cabling Lay Length & Direction:



Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter: 0.150 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	0°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	19.900 lbs/1000 ft.

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Max. Recommended Pulling Tension:	53.200 lbs.
Min. Bend Radius (Install)/Minor Axis:	1.500 in.

Applicable Specifications and Agency Compliance (Overall)

App

Applicable Standards & Environmental Programs		
NEC/(UL) Specification:	CMP	
NEC Articles:	800	
CEC/C(UL) Specification:	CMP	
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:	5320FE	

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft) 126

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 6.4

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

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

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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6320FE 8771000	1,000 FT	22.000 LB	NATURAL	С	2 #18 FLRST FS FLRST

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 04-14-2008

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