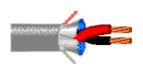
Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

5500FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



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For more Information please call

1-800-Belden1



Description:	
· · · ·	ulation, conductors cabled, Beldfoil® shield tape (foil side out)
with drain wire, PVC jacket with ripcord, s	sequential footage marking every two feet.
Jsage (Overall)	
Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems
Physical Characteristics (Overall)	
Conductor AWG:	
# Conductors AWG Stranding Conductor Materia	al
2 22 7x30 BC - Bare Copper	
Insulation	
Insulation Material:	
Insulation Material Wall Thickness (in.) PP - Polypropylene 0.007	
Outer Shield	
Outer Shield Material:	
Outer Shield Trade Name Type Outer Shield Mat	
Beldfoil® Tape Aluminum Foil-Po	blyester 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 Cabling	
Overall Cabling Lay Length & Direction: Length (in.) Twists (ft.)	
2.000 6.0	
Overall Cabling Color Code Chart:	
Number Color	
1 Black 2 Red	
Overall Nominal Diameter:	0.121 in.
Mechanical Characteristics (Overall)	
Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	9.500 lbs/1000 ft.
Max. Recommended Pulling Tension:	23.700 lbs.

Detailed Specifications & Technical Data





5500FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled

Min. Bend Radius (Install)/Minor Axis:	1.250 in.				
pplicable Specifications and Agency C	compliance (Overall)				
Applicable Standards & Environmental Prog	grams				
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:	6500FE				

Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

38.250

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

69.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

16.1

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

16.1

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

2.8 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5500FE 008U1000	1,000 FT	11.000 LB	GRAY		2 #22 PP FS FRPVC
5500FE 008U500	500 FT	6.000 LB	GRAY		2 #22 PP FS FRPVC
5500FE 0081000	1,000 FT	11.000 LB	GRAY		2 #22 PP FS FRPVC
5500FE 008500	500 FT	5.500 LB	GRAY		2 #22 PP FS FRPVC
5500FE 009U1000	1,000 FT	11.000 LB	WHITE		2 #22 PP FS FRPVC

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

5500FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled

5500FE 010U1000	1,000 FT	11.000 LB	BLACK	2 #22 PP FS FRPVC

Revision Number: 2 Revision Date: 06-02-2008

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