

5500FE Non-Paired - Commercial Audio Systems - 2 Conductors Cabled

 	<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p>
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Description:

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

SUITABLE APPLICATIONS:

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

CONDUCTOR:

Number of Conductors	2
Total Number of Conductors	2
AWG	22
Stranding	7x30
Conductor Material	BC - Bare Copper

INSULATION:

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.010 in.

OVERALL CABLING:

Overall Cabling Lay Length	2.5 in.
Overall Cabling Twists/ft.	4.8

Overall Cabling Color Code Chart :

Number	Color	Number	Color
1	Black	2	Red

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape w/Shorting Fold
Outer Shield % Coverage	100 %
Outer Shield Drain Wire AWG	24
Outer Shield Drain Wire Stranding	7x32
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:

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Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.015 in.
Outer Jacket Ripcord	Yes

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.130 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +75°C
UL Temperature Rating	75°C
Bulk Cable Weight	10.4 lbs/1000 ft.
Max. Recommended Pulling Tension	23.7 lbs.
Min. Bend Radius (Install)	1.3 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMR
NEC Articles	800
CEC/C(UL) Specification	CMG
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

FLAME TEST:

UL Flame Test	UL1666 Vertical Shaft
C(UL) Flame Test	FT4

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
Plenum Number	6500FE

ELECTRICAL CHARACTERISTICS:

Nom. Capacitance Conductor to Conductor @ 1 KHz	46 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	82.8 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	16.1 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	16.1 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	2.8 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
5500FE 001U1000	2 #22 PVC FS FRPVC	U1000	12	BROWN	

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5500FE 0081000	2 #22 PVC FS FRPVC	1000	12	GRAY	
5500FE 008500	2 #22 PVC FS FRPVC	500	6.5	GRAY	
5500FE 008C500	2 #22 PVC FS FRPVC	C500	5.5	GRAY	
5500FE 008U1000	2 #22 PVC FS FRPVC	U1000	12	GRAY	
5500FE 008U500	2 #22 PVC FS FRPVC	U500	6.5	GRAY	
5500FE 009U1000	2 #22 PVC FS FRPVC	U1000	12	WHITE	
5500FE 010U1000	2 #22 PVC FS FRPVC	U1000	12	BLACK	

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