

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



For more Information
please call

1-800-Belden1



Description:

22 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

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	22	7x30	BC - Bare Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PP - 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
24	7x32	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)	Twists (m.)
63.500	1.463

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter: 3.073 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 14.138 Kg/Km

Max. Recommended Pulling Tension: 105.422 N

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Min. Bend Radius (Install)/Minor Axis:	31.750 mm
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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMR
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NEC Articles:	800
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CEC/C(UL) Specification:	CMG
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EU CE Mark:	Yes
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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Flame Test

UL Flame Test:	UL1666 Vertical Shaft
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C(UL) Flame Test:	FT4
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Plenum/Non-Plenum

Plenum Number:	6500FE
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Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
125.498

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)
226.389

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
52.8241

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
52.8241

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
2.8 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5500FE 008U1000	305 MT	4.990 KG	GRAY		2 #22 PP FS FRPVC
5500FE 008U500	152 MT	2.722 KG	GRAY		2 #22 PP FS FRPVC

METRIC MEASUREMENT VERSION

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5500FE 0081000	305 MT	4.990 KG	GRAY	2 #22 PP FS FRPVC
5500FE 008500	152 MT	2.495 KG	GRAY	2 #22 PP FS FRPVC
5500FE 009U1000	305 MT	4.990 KG	WHITE	2 #22 PP FS FRPVC
5500FE 010U1000	305 MT	4.990 KG	BLACK	2 #22 PP FS FRPVC

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