

6500FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information
please call

1-800-Belden1

**Description:**

22 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:

Intercom/PA Systems and Sound/Audio Systems

Physical Characteristics (Overall)**Conductor**

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	22	7x30	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	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 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:

Length (in.)	Twists (ft.)
2.5	4.8

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter:

0.128 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: 0°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 11.300 lbs/1000 ft.

Max. Recommended Pulling Tension: 24 lbs.

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Min. Bend Radius (Install)/Minor Axis:	1.300 in.
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Applicable Specifications and Agency Compliance (Overall)**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:	5500FE

Electrical Characteristics (Overall)**Nom. Inductance:**

Inductance (μH/ft)
.17

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
55

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
99

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
16.4

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
15.3

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:

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Item #	Putup	Ship Weight	Color	Notes	Item Desc
6500FE 008U1000	1,000 FT	12.000 LB	GRAY		2 #22 FLRST FS FLRST
6500FE 009U1000	1,000 FT	12.000 LB	WHITE		2 #22 FLRST FS FLRST
6500FE 010U1000	1,000 FT	12.000 LB	BLACK		2 #22 FLRST FS FLRST
6500FE 877C500	500 FT	5.500 LB	NATURAL		2 #22 FLRST FS FLRST
6500FE 877U1000	1,000 FT	12.000 LB	NATURAL		2 #22 FLRST FS FLRST
6500FE 877U500	500 FT	6.500 LB	NATURAL		2 #22 FLRST FS FLRST
6500FE 8771000	1,000 FT	12.000 LB	NATURAL	C	2 #22 FLRST FS FLRST
6500FE 877500	500 FT	6.000 LB	NATURAL		2 #22 FLRST FS FLRST

Notes:

C = CRATE REEL PUT-UP.

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