

5000FH Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information
please call

1-800-Belden1

**General Description:**

Security & Commercial Audio Cable, Riser-CL3R-FPLR, 2-12 AWG stranded tinned copper conductors with Polyolefin insulation, Beldfoil® shield and PVC jacket with ripcord

Usage (Overall)

Suitable Applications: Intercom/PA Systems, Sound/Audio Systems, Fire Alarm Systems (For color Red only)

Physical Characteristics (Overall)**Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
2	12	19x25	TC - Tinned Copper

Total Number of Conductors: 2

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.279

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
20	Solid	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 Cable**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	White

Overall Nominal Diameter: 6.706 mm

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 93.013 Kg/Km

Max. Recommended Pulling Tension: 811.352 N

Min. Bend Radius/Minor Axis: 66.675 mm

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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CL3R, FPLR
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NEC Articles:	725, 760
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EU Directive 2011/65/EU (ROHS II):	Yes
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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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CSA Flame Test:	FT4
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Suitability

Suitability - Indoor:	Yes
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Plenum Number:	6000FH
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Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (μH/m)

0.459

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

209.984

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)

378.135

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

5.2496

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

23.295

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Description	Current
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10C Temperature Rise	12 Amps per conductor @ 25°C ambient
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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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METRIC MEASUREMENT VERSION

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5000FH 0081000	1,000 FT	59.000 LB	GRAY		2 #12 PO FS FRPVC
5000FH 008500	500 FT	31.500 LB	GRAY		2 #12 PO FS FRPVC

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