
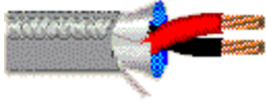


Product: [5000FE](#) 



Security & Sound, 2 Conductor 12 AWG, BC, O/A Foil, CMR

Product Description

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

Technical Specifications

Product Overview

Environmental Space:	Indoor - Riser
Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems, Fire Alarm Systems (For color Red only)

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
12	19x25	BC - Bare Copper	2

Conductor Count:	2
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Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.011 in

Color Chart

Number	Color
1	Black
2	White

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum/Polyester	Beldfoil®	100 %	TC - Tinned Copper	20	Solid

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.264 in	0.017 in	Yes

Construction and Dimensions

Cabling

Lay Direction	Twists
Left Hand	3.4 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
1.6 Ohm/1000ft	7.1 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
64 pF/ft	115.25 pF/ft

Inductance

Nominal Inductance
0.14 µH/ft

Current

Element	Max. Recommended Current [A]
10C Temperature Rise	12 Amps per conductor @ 25°C ambient

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	62.5 lbs/1000ft
Max Recommended Pulling Tension:	182.4 lbs
Min Bend Radius/Minor Axis:	2.625 in

Standards

NEC Articles:	725, 760
NEC/(UL) Specification:	CL3R, FPLR
CPR Euroclass:	Eca

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1666 Vertical Shaft
CSA Flammability:	FT4
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6000FE

Part Number

Variants

Item #	Color	UPC	Length	Footnote
5000FE 0081000	Gray	612825154532	1,000 ft	C
5000FE 008500	Gray	612825154549	500 ft	C
5000FE 0021000	Red	612825154518	1,000 ft	C

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.275 Revision Date: 01-31-2020
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