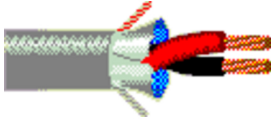


**Part Number: 5400FE**

Security & Sound, 2 Conductor 20 AWG, BC, O/A Foil, CMR



**Product Description**

Security & Commercial Audio Cable, Riser-CMR, 2-20 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

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
20	7x28	BC - Bare Copper	2

Conductor Count:	2
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**Insulation**

Material	Nominal Wall Thickness
PP - Polypropylene	0.008 in

**Color Chart**

Number	Color
1	Black
2	Red

**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	24	Solid

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.142 in	0.017 in	Yes

**Construction and Dimensions**

**Cabling**

Lay Direction	Twists
Left Hand	4.8 twist/ft

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR	Nominal Outer Shield DCR
10.3 Ohm/1000ft	16.7 Ohm/1000ft

**Capacitance**

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
40 pF/ft	72 pF/ft

#### Inductance

Nominal Inductance
0.155 µH/ft

#### Current

Max. Recommended Current [A]
3.75 Amps per conductor @ 25°C (10°C rise in temp)

#### 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:	13 lbs/1000ft
Max Recommended Pulling Tension:	37.1 lbs
Min Bend Radius/Minor Axis:	1.375 in

#### Standards

NEC Articles:	800
NEC/(UL) Specification:	CMR
CEC/C(UL) Specification:	CMG
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
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

#### Suitability

Suitability - Indoor:	Yes
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#### Flammability, LSOH, Toxicity Testing

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

#### Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6400FE

#### Part Number

#### Variants

Item #	Color	UPC	Length	Footnote
5400FE.00305	Chrome		305 m	
5400FE.K0305	Chrome		305 m	
5400FE 0081000	Gray	612825161943	1,000 ft	C

5400FE 008500	Gray	612825161929	500 ft	
5400FE 008U1000	Gray	612825161936	1,000 ft	
5400FE 008U500	Gray	612825423294	500 ft	
5400FE 008Z1000	Gray	612825161967	1,000 ft	
5400FE 008Z1000	Gray	612825161967	1,000 ft	

Footnote: C - CRATE REEL PUT-UP.

## History

Update and Revision: Revision Number: 0.271 Revision Date: 08-22-2019

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