



REPRESENTATIVE IMAGE

Product: [5400FE](#)

Security & Sound, 2 Conductor 20 AWG, BC, Shielded, CMR

Product Description

Security & Commercial Audio Cable, Riser-CMR, 2-20 AWG stranded bare copper conductors with polypropylene insulation, Beldfoil® shield and PVC jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems
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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	2	20 AWG	7x28	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Color Code
Conductor(s)	PP - Polypropylene	0.008 in (0.20 mm)	Black, Red

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.142 in (3.61 mm)	Yes

Overall Cable Diameter (Nominal):	0.142 in (3.61 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	10.3 Ohm/1000ft (33.8 Ohm/km)	40 pF/ft (130 pF/m)	72 pF/ft (240 pF/m)	3.75 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V (CMR)

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-20°C to +75°C

Bend Radius

Stationary Min.	Installation Min.

1.4 in (36 mm) | 1.4 in (36 mm)

Max. Pull Tension:	37 lbs (17 kg)
Bulk Cable Weight:	13 lbs/1000ft (19 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL1666 Riser, IEEE 1202 FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6400FE

History

Update and Revision:	Revision Number: 0.354 Revision Date: 02-08-2022
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC/EAN
5400FE.00305	Chrome	Reel	305 m	8719605008497
5400FE 008500	Gray	Reel	500 ft	612825161929
5400FE 008U500	Gray	UnReel	500 ft	612825423294
5400FE 0081000	Gray	Reel	1,000 ft	612825161943
5400FE 008U1000	Gray	UnReel	1,000 ft	612825161936
5400FE 008Z1000	Gray	ReelTuff Box	1,000 ft	612825161967

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