

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

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	2	20 AWG	7x28	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.008 in (0.20 mm)	0.052 in (1.3 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)

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	40 pF/ft (130 pF/m)	72 pF/ft (240 pF/m)	8 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V

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:	30.7 lbs (13.9 kg)
Bulk Cable Weight:	13 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL 1666 Riser, IEEE 1202 FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca; CPR UKCA Class: 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)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6400FE

History

Update and Revision:	Revision Number: 0.511 Revision Date: 03-29-2023

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC/EAN	Footnote
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	C
5400FE 008U1000	Gray	UnReel	1,000 ft	612825161936	
5400FE 008Z1000	Gray	ReelTuff Box	1,000 ft	612825161967	

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