Product: 5501FE

Security & Sound, #22-3c BC, Shielded, CMR

Product Description

Security & Commercial Audio Cable, 3 Conductor 22 AWG stranded (7x30) bare copper conductors with polypropylene insulation, Beldfoil® shield, Riser-CMR, PVC jacket with ripcord

Technical Specifications

Product Overview

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

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	3	22 AWG	7x30	BC - Bare Copper

Insulation

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

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)	0.133 in (3.38 mm)	Yes

Overall Cable Diameter (Nominal):	0.133 in (3.38 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	16.4 Ohm/1000ft (53.8 Ohm/km)	28.25 pF/ft (92.68 pF/m)	51 pF/ft (170 pF/m)	2.8 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.

1.3 in (33 mm)	1.3 in (33 mm)

Max. Pull Tension:	33 lbs
Bulk Cable Weight:	12 lbs/1000ft (18 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 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6501FH

History

Update and Revision:	Revision Number: 0.369 Revision Date: 12-15-2021

Variants

Item #	Color	Putup Type	Length	UPC/EAN
5501FE.00152	Gray	Reel	152 m	8719605008626
5501FE.00305	Gray	Reel	305 m	8719605008633
5501FE.00U305	Gray	Reel	305 m	8719605008640
5501FE 008500	Gray	Reel	500 ft	612825163152
5501FE 008U500	Gray	UnReel	500 ft	612825423966
5501FE 0081000	Gray	Reel	1,000 ft	612825163183
5501FE 008U1000	Gray	UnReel	1,000 ft	612825163169
5501FE 008Z1000	Gray	ReelTuff Box	1,000 ft	612825163206

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