

Product: 5500UE

Security & Sound, #22-2c BC, CMR

Product Description

Security & Commercial Audio Cable, Riser-CMR, 2-22 AWG stranded bare copper conductors with polypropylene insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls, Single Line Telephone

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	2	22 AWG	7x30	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.008 in (0.20 mm)	0.045 in (1.1 mm)	Black, Red

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.123 in (3.12 mm)	Yes

Overall Cable Diameter (Nominal):	0.123 in (3.12 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	16.1 Ohm/1000ft (52.8 Ohm/km)	17 pF/ft (56 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.
1.2 in (30 mm)	1.2 in (30 mm)

Max. Pull Tension:	18 lbs
Bulk Cable Weight:	8 lbs/1000ft (12 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL1666 Riser, 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:	6500UH

History

Update and Revision:	Revision Number: 0.346 Revision Date: 12-15-2021

Variants

Item #	Color	Putup Type	Length	UPC/EAN
5500UE.00152	Chrome	Reel	152 m	8719605008596
5500UE.00305	Chrome	Reel	305 m	8719605008602
5500UE 008500	Gray	Reel	500 ft	612825162896
5500UE 008U500	Gray	UnReel	500 ft	612825420033
5500UE 0081000	Gray	Reel	1,000 ft	612825162919
5500UE 008U1000	Gray	UnReel	1,000 ft	612825162902
5500UE 008Z1000	Gray	ReelTuff Box	1,000 ft	612825163145
5500UE 005Z1000	Green	ReelTuff Box	1,000 ft	612825337171
5500UE 005U1000	Green, Dark	UnReel	1,000 ft	612825420026

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