

Product: 5500UG

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

Product Description

Security & Sound Cable, Rated-CM, 2-22 AWG stranded bare copper conductors with polyolefin insulation, PVC jacket

Technical Specifications

Product Overview

Suitable Applications:	Security System, Alarm, Intercom/PA, Single Line Telephone

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Pair(s)	1	22 AWG	7x30	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PP - Polypropylene	0.007 in (0.18 mm)	0.042 in (1.1 mm)	Black and Red

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.114 in	Yes

Overall Cable Diameter (Nominal):	0.114 in

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Pair(s)	16.4 Ohm/1000ft	20 pF/ft (66 pF/m)	2.8 Amps per Conductor at 25ºC

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.
1.14 in (29.0 mm)	1.14 in

Max. Pull Tension:	18.2 lbs (8.26 kg)

Bulk Cable Weight:	7 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL1685 UL Loading, FT1
NEC / UL Compliance:	Article 800, CM
CEC / C(UL) Compliance:	CM
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)

History

Update and Revision:	Revision Number: 0.292 Revision Date: 12-20-2021

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
5500UG U4FU500	Beige U4F	UnReel	500 ft	612825162933
5500UG U4FC1000	Beige U4F	Coil	1,000 ft	612825162926
5500UG 006C500	Blue, Light	Coil	500 ft	612825365839
5500UG 006U500	Blue, Light	UnReel	500 ft	612825163046
5500UG 001C500	Brown	Coil	500 ft	612825162957
5500UG 001C1000	Brown	Coil	1,000 ft	612825162940
5500UG 008C500	Gray	Coil	500 ft	612825163091
5500UG 008C1000	Gray	Coil	1,000 ft	612825163084
5500UG 008U1000	Gray	UnReel	1,000 ft	612825337188
5500UG 005C500	Green, Dark	Coil	500 ft	612825163022
5500UG 005U500	Green, Dark	UnReel	500 ft	612825163039
5500UG 005C1000	Green, Dark	Coil	1,000 ft	612825163015
5500UG 003C500	Orange	Coil	500 ft	612825162964
5500UG 003U500	Orange	UnReel	500 ft	612825162971
5500UG 007C500	Violet	Coil	500 ft	612825163060
5500UG 007U500	Violet	UnReel	500 ft	612825163077
5500UG 007C1000	Violet	Coil	1,000 ft	612825163053
5500UG 009C500	White	Coil	500 ft	612825163114
5500UG 009C1000	White	Coil	1,000 ft	612825163107
5500UG 009U1000	White	UnReel	1,000 ft	612825163121
5500UG 004C500	Yellow	Coil	500 ft	612825162995
5500UG 004U500	Yellow	UnReel	500 ft	612825163008
5500UG 004C1000	Yellow	Coil	1,000 ft	612825162988

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