BELDEN

Product: 5522UG

Security & Sound, #22-4c, BC, CM

Product Description

Security & Sound Cable, Rated-CM, 4-22 AWG solid bare copper conductors with polyolefin insulation, PVC jacket

Technical Specifications

Product Overview

Suitable Applications:	Nurse call, security, alarm

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	4	22 AWG	Solid	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.007 in (0.18 mm)	0.040 in (1.0 mm)	Black, Red, White, Green

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.122 in	Yes

Overall Cable Diameter (Nominal):	0.122 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
18.4 Ohm/1000ft	2.2 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.
1.22 in (31.0 mm)	1.22 in

Max. Pull Tension:	31.2 lbs (14.2 kg)

Bulk Cable Weight:	21 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor, Aerial - Black only, When supported by messenger wire
Flammability / Reaction to Fire:	UL1685 UL Loading
NEC / UL Compliance:	Article 800, CM
CEC / C(UL) Compliance:	CM
European Directive Compliance:	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)

Product Notes

Notes:	Electrical values are expected performance based on cable testing and representative performance within a typical Belden system. Ripcord under jacket

History

Update and Revision:	Revision Number: 0.391 Revision Date: 12-13-2023

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
5522UG 009C500	White	Coil	500 ft	612825164753

Mouser Electronics

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