



Product: [5502UG](#) 

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

Product Description

Security & Sound Cable, Rated-CM, 4-22 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	No. of Elements	Size	Stranding	Material
Conductor(s)	4	22 AWG	7x30	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.007 in (0.18 mm)	0.042 in (1.1 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)	0.131 in	Yes

Overall Cable Diameter (Nominal):	0.131 in
-----------------------------------	----------

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	16.2 Ohm/1000ft	20 pF/ft (66 pF/m)	2.2 Amps per Conductor at 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.
1.31 in (33.3 mm)	1.31 in

Max. Pull Tension:	36.4 lbs (16.5 kg)
--------------------	--------------------

Bulk Cable Weight:	13 lbs/1000ft
--------------------	---------------

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL1685 UL Loading
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: 0.296 Revision Date: 09-07-2025
----------------------	--

Part Numbers

Variants

Item #	Color	UPC
5502UG U4FC500	Beige U4F	612825163442
5502UG U4FU1000	Beige U4F	612825163459
5502UG 006C1000	Blue, Light	612825163541
5502UG 006C500	Blue, Light	612825163558
5502UG 006U1000	Blue, Light	612825163565
5502UG 001C500	Brown	612825163466
5502UG 001U1000	Brown	612825163473
5502UG 008C1000	Gray	612825163602
5502UG 008C500	Gray	612825163619
5502UG 008U1000	Gray	612825163626
5502UG 008U500	Gray	612825163633
5502UG 005C1000	Green, Dark	
5502UG 005C500	Green, Dark	612825163534
5502UG 003C1000	Orange	612825163480
5502UG 003C500	Orange	612825163497
5502UG 007C1000	Violet	612825163572
5502UG 007C500	Violet	612825163589
5502UG 007U1000	Violet	612825163596
5502UG 009C1000	White	612825163640
5502UG 009C500	White	612825163657
5502UG 009U1000	White	612825163664
5502UG 004C1000	Yellow	612825163503
5502UG 004C500	Yellow	612825163510
5502UG 004U1000	Yellow	612825163527

© 2026 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.