



Product: [5300UG](#)

Security & Sound, #18-2c, BC, CM

Product Description

Security & Sound Cable, Rated-CM, 2-18 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)	2	18	7x26	BC - Bare Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PP - Polypropylene	0.008 in (0.20 mm)	0.062 in (1.6 mm)	Black, Red

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.148 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
6.79 Ohm/1000ft	22.5 pF/ft (73.8 pF/m)	5 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.
1.48 in (37.6 mm)	1.48 in

Max. Pull Tension:	45 lbs (20 kg)
Bulk Cable Weight:	15 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor
----------------------------	-----------------

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: 0.304 Revision Date: 02-15-2024
----------------------	--

Part Numbers

Variants

Item #	Color	UPC
5300UG 010C500	Black	
5300UG 010U1000	Black	612825159230
5300UG 008C500	Gray	
5300UG 008U1000	Gray	612825159186
5300UG 008U500	Gray	612825159193
5300UG 009C500	White	612825159209
5300UG 009U1000	White	612825159216
5300UG 009U500	White	612825159223

© 2024 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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Belden Wire & Cable:](#)

[5300UG 008U500](#) [5300UG 009C500](#) [5300UG 009U500](#) [5300UG 009U1000](#) [5300UG 010U1000](#) [5300UG 008U1000](#)