



Product: [5582UG](#) 

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:	Security System, Alarm, Intercom/PA, Single Line Telephone, Station Wire
------------------------	--

Physical Characteristics (Overall)

Conductor			
AWG	Stranding	Material	No. of Conductors
22	Solid	BC - Bare Copper	4
Conductor Count:			4

Insulation	
Material	Nominal Wall Thickness
PP - Polypropylene	0.006 in

Color Chart

Color
Black
Red
Yellow
Green

Outer Shield

Material
No Shield

Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.122 in	0.015 in

Electrical Characteristics

Conductor DCR	
Nominal Conductor DCR	
15.7 Ohm/1000ft	

Current	
Max. Recommended Current [A]	
2.2 Amps per Conductor at 25°C	

Voltage	
UL Voltage Rating	
300 V RMS	

Temperature Range

UL Temperature Rating:	75°C
Operating Temperature Range:	-20°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	13 lbs/1000ft
Maximum Recommended Pulling Tension:	31.2 lbs
Minimum Minor Axis Bend Radius:	1.2 in

Standards

NEC Articles:	Article 800
NEC/(UL) Compliance:	CM
CEC/C(UL) Compliance:	CM

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1685 UL Loading
CSA Flammability:	FT1
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

Related Part Numbers

Variants

Item #	Color	UPC
5582UG U4FC1000	Beige U4F	612825164593
5582UG U4FC500	Beige U4F	612825164609
5582UG U4FU1000	Beige U4F	612825164616
5582UG 001C500	Brown	612825164623
5582UG 008C1000	Gray	612825164630
5582UG 008C500	Gray	612825164647
5582UG 009C1000	White	612825164654
5582UG 009C500	White	612825164661
5582UG 009U1000	White	612825164678

History

Update and Revision:	Revision Number: 0.296 Revision Date: 02-03-2025
----------------------	--

© 2025 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.