



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
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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 (3.76 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Inductance	Max. Current
6.79 Ohm/1000ft (22.3 Ohm/km)	22.5 pF/ft (73.8 pF/m)	0.14 μ H/ft (0.46 μ H/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 (37.6 mm)

Max. Pull Tension:	45 lbs (20 kg)
Bulk Cable Weight:	15 lbs/1000ft (22 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor, Sunlight Resistance - Black only
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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: 0.532 Revision Date: 02-10-2026
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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

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