



Product: [5509UE](#)

Security & Sound, #22-12c, BC, CMR

Product Description

Security & Sound Cable, Riser-CMR, 12-22 AWG stranded bare copper conductors with polyolefin insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	12	22	7x30	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, White, Green, Brown, Blue, Orange, Yellow, Purple, Gray, Pink, Tan

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	0.221 in (5.61 mm)	Yes

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
17.41 Ohm/1000ft	17 pF/ft (56 pF/m)	1.4 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.
2.21 in (56.1 mm)	2.21 in (56.1 mm)

Max. Pull Tension:	109 lbs (49.4 kg)
Bulk Cable Weight:	36 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Outdoor
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Flammability / Reaction to Fire:	UL1666 Riser, FT4
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
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)
Plenum Number:	6509UE

History

Update and Revision:	Revision Number: 0.407 Revision Date: 02-03-2025
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Part Numbers

Variants

Item #	Color	UPC	Footnote
5509UE 0081000	Gray	612825163985	C
5509UE 008U1000	Gray	612825163978	

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