



Product: [5409UE](#)

Security & Sound, #20-12c, BC, CMR

Product Description

Security & Sound Cable, Riser-CMR, 12-20 AWG stranded bare copper conductors with polypropylene 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	20	7x28	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	0.017 in (0.43 mm)	0.252 in (6.40 mm)	Yes

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
10.82 Ohm/1000ft	24.7 pF/ft (81.0 pF/m)	2.6 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.
2.52 in (64.0 mm)	2.52 in (64.0 mm)

Max. Pull Tension:	151.2 lbs (68.58 kg)
Bulk Cable Weight:	53 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:	6409UE

History

Update and Revision:	Revision Number: 0.406 Revision Date: 02-03-2025
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Part Numbers

Variants

Item #	Color	UPC	Footnote
5409UE 0081000	Gray	612825162315	C

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