



Product: [5205UE](#) 

Security & Sound, #16-7c, BC, CMR

Product Description

Security & Sound Cable, Riser-CMR, 7-16 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)	7	16	19x29	BC - Bare Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PP - Polypropylene	0.008 in (0.20 mm)	0.073 in (1.9 mm)	Red, White, Green, Brown, Blue, Orange, Black

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	0.249 in	Yes

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
4.32 Ohm/1000ft	24 pF/ft (79 pF/m)	4.27 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.
2.49 in (63.2 mm)	2.49 in

Max. Pull Tension:	212.8 lbs (96.52 kg)
Bulk Cable Weight:	71 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)

History

Update and Revision:	Revision Number: 0.317 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	UPC	Footnote
5205UE 0081000	Gray	612825158219	C

Footnote:	C - CRATE REEL PUT-UP.
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