



Product: [5405UE](#)

Security & Sound, #20-7c, BC, CMR

**Product Description**

Security & Sound Cable, Riser-CMR, 7-20 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	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

**Outer Jacket**

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	0.192 in	Yes

**Electrical Characteristics**

**Electricals**

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
10.82 Ohm/1000ft	21 pF/ft (69 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.
1.92 in (48.8 mm)	1.92 in

Max. Pull Tension:	109.2 lbs (49.53 kg)
Bulk Cable Weight:	33 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:	6405UE

History

Update and Revision:	Revision Number: 0.298 Revision Date: 02-03-2025
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Part Numbers

Variants

Item #	Color	UPC
5405UE 0081000	Gray	612825162261

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