


**Product: [5407UE](#)**
**Security & Sound, #20-9c, BC, CMR**
**Product Description**

Security &amp; Sound Cable, Riser-CMR, 9-20 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)	9	20 AWG	7x28	BC - Bare Copper

**Insulation**

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.008 in (0.20 mm)	0.052 in (1.3 mm)	Black, Red, White, Green, Brown, Blue, Orange, Yellow, Purple

**Outer Shield**

Material
No Shield

**Outer Jacket**

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	0.224 in	Yes

Overall Cable Diameter (Nominal): 0.224 in

**Electrical Characteristics**
**Electricals**

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	10.2 Ohm/1000ft	20 pF/ft (66 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.
2.24 in (56.9 mm)	2.24 in

Max. Pull Tension: 113.4 lbs (51.44 kg)

Bulk Cable Weight:	43 lbs/1000ft
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## Standards and Compliance

Environmental Suitability:	Indoor
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:	6407UE

## History

Update and Revision:	Revision Number: 0.297 Revision Date: 09-07-2025
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## Part Numbers

### Variants

Item #	Color	UPC
5407UE 0081000	Gray	612825162292

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