


**Product: [540BUE](#)**
**Security & Sound, #20-20c, BC, CMR**
**Product Description**

Security &amp; Sound Cable, Riser-CMR, 20-20 AWG stranded bare copper conductors with PVC 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)	20	20 AWG	7x28	BC - Bare Copper

**Insulation**

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.01 in (0.25 mm)	0.056 in (1.4 mm)	Black, Red, White, Green, Brown, Blue, Orange, Yellow, Purple, Gray, Pink, Tan, White/Black, White/Red, White/Green, White/Orange, White/Blue, White/Brown, White/Yellow, White/Violet

**Outer Shield**

Material
No Shield

**Outer Jacket**

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.025 in (0.64 mm)	0.347 in	Yes

Overall Cable Diameter (Nominal):	0.347 in
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**Electrical Characteristics**
**Electricals**

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	10.2 Ohm/1000ft	26 pF/ft (85 pF/m)	1.9 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.
3.47 in (88.1 mm)	3.47 in

Max. Pull Tension:	252 lbs (114 kg)
Bulk Cable Weight:	103 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL 1666 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: 0.292 Revision Date: 09-07-2025
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## Part Numbers

### Variants

Item #	Color	UPC
540BUE 0081000	Gray	612825161912

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