



Product: [540BUE](#)

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

Product Description

Security & 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	

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:	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: 0.290 Revision Date: 05-05-2023
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Part Numbers

Variants

Item #	Color	UPC
540BUE 0081000	Gray	612825161912

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