

Product: 5407UE

Security & Sound, #20-9c, BC, CMR

Product Description

Security & 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

Construction Details

Conductor

Element	Number of Element	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 25ºC

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

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: 0.289 Revision Date: 12-20-2021

Part Numbers

Variants

Item #	Color	UPC
5407UE 0081000	Gray	612825162292

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