

Product: 5202UE

Security & Sound, #16-4c, BC, CMR

Product Description

Security & Sound Cable, Riser-CMR, 4-16 AWG stranded bare copper conductors with polypropylene insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	4	16 AWG	19x29	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PO - Polyolefin	0.008 in (0.20 mm)	0.073 in (1.9 mm)	Black, Red, White, Green

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.210 in (5.33 mm)	Yes

Overall Cable Diameter (Nominal):	0.210 in (5.33 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	4.2 Ohm/1000ft	23 pF/ft (75 pF/m)	5.0 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V (CMR)

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-20°C to +75°C

Bend Radius

Stationary Min.	Installation Min.
2.1 in (53 mm)	2.1 in (53 mm)

Max. Pull Tension:	117 lbs (53.1 kg)
Bulk Cable Weight:	42 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL 1666 Riser, FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6202UE

History

Update and Revision:	Revision Number: 0.445 Revision Date: 03-04-2023

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC/EAN	Footnote
5202UE 010500	Black			612825157960	C
5202UE 010U1000	Black			612825157953	
5202UE 0081000	Gray			612825157922	C
5202UE 008500	Gray			612825157939	
5202UE 008U1000	Gray			612825336587	
5202UE 008U500	Gray			612825157915	
5202UE.00152	Gray	Reel	152 m	8719605008107	
5202UE.00305	Gray	Reel	305 m	8719605008114	
5202UE.00U305	Gray	Reel	305 m	8719605008121	
5202UE 009U1000	White			612825157946	

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