



Product: [5201UE](#)

Security & Sound, 3 Conductor 16 AWG, BC, CMR

REPRESENTATIVE IMAGE

Product Description

Security & Commercial Audio Cable, Riser-CMR, 3-16 AWG stranded bare copper conductors with polypropylene insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Addressable Fire Systems, Data Circuits, Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits
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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	3	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

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.191 in (4.85 mm)	Yes

Overall Cable Diameter (Nominal): 0.191 in (4.85 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	4.2 Ohm/1000ft	23.5 pF/ft (77.1 pF/m)	6.25 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.
1.9 in (48 mm)	1.9 in (48 mm)

Max. Pull Tension:	88 lbs (40 kg)
Bulk Cable Weight:	32 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 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:	6201UE

History

Update and Revision:	Revision Number: 0.498 Revision Date: 04-28-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC/EAN
5201UE.00305	Gray	Reel	305 m	8719605008053
5201UE.00U305	Gray	Reel	305 m	8719605008060
5201UE 008500	Gray	Reel	500 ft	612825157809
5201UE 0081000	Gray	Reel	1,000 ft	612825157823
5201UE 008U1000	Gray	UnReel	1,000 ft	612825425687
5201UE 008Z1000	Gray	ReelTuff Box	1,000 ft	612825157847

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