


Product: [5201UE](#) 



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

Product Description

Security & Commercial Audio Cable, Riser-CMR, 3-16 AWG stranded bare copper conductors with polyolefin 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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Physical Characteristics (Overall)

Conductor

Element	AWG	Stranding	Material	No. of Conductors
Conductor(s)	16	19x29	BC - Bare Copper	3

Conductor Count:	3
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Insulation

Element	Material	Nominal Wall Thickness
Conductor(s)	PP - Polypropylene	0.008 in

Color Chart

Number	Color
1	Black
2	Red
3	White

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.191 in	0.017 in	Yes

Construction and Dimensions

Cabling

Twists
3 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
4.2 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
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23.5 pF/ft
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Current

Max. Recommended Current [A]
6.25 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	34.4 lbs/1000ft
Max Recommended Pulling Tension:	88 lbs
Min Bend Radius/Minor Axis:	1.875 in

Standards

NEC Articles:	800
NEC/(UL) Specification:	CMR
CEC/C(UL) Specification:	CMG
CPR Euroclass:	Eca

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Riser
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1666 Vertical Riser
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6201UE

Part Number

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
Footnote:	C - CRATE REEL PUT-UP.			

History

Update and Revision:	Revision Number: 0.271 Revision Date: 05-11-2020
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