



Part Number: 5200UE

Security & Sound, 2 Conductor 16 AWG, BC, Unshielded, CMR

Product Description

Security & Commercial Audio Cable, Riser-CMR, 2-16 AWG stranded bare copper conductors with polyolefin insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

Environmental Space:	Indoor
Suitable Applications:	Data Circuits, Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
16	19x29	TC - Tinned Copper	2

Conductor Count:	2
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Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.008 in

Color Chart

Number	Color
1	Black
2	Red

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.184 in	0.017 in	Yes

Construction and Dimensions

Cabling

Lay Length	Lay Direction	Twists
4 in	Left Hand	3 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
4.2 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor

23 pF/ft

Inductance**Nominal Inductance**

0.14 µH/ft

Current

Element	Max. Recommended Current [A]
10C Temperature Rise	Per conductor @ 25°C ambient: 6.25 A

Voltage**UL Voltage Rating**

300V RMS

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	24 lbs/1000ft
Max Recommended Pulling Tension:	59 lbs
Min Bend Radius/Minor Axis:	2.0 in

Standards

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

Applicable Environmental and Other Programs

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 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1666 Vertical Riser

Part Number

Plenum (Y/N):	N
Plenum Number:	6200UH

Variants

Item #	Color
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5200UE 0101000	BLACK
5200UE 010U1000	BLACK
5200UE 0061000	BLUE, LIGHT
5200UE 0061000	BLUE, LIGHT
5200UE 001U1000	BROWN
5200UE.00152	CHROME
5200UE.00305	CHROME
5200UE 0081000	GRAY
5200UE 008500	GRAY
5200UE 008U1000	GRAY
5200UE 008U500	GRAY
5200UE 0051000	GREEN, DARK
5200UE 0051000	GREEN, DARK
5200UE 0031000	ORANGE
5200UE 0031000	ORANGE
5200UE 0021000	RED
5200UE 0021000	RED
5200UE 0071000	VIOLET
5200UE 0071000	VIOLET
5200UE 009U1000	WHITE
5200UE 0091000	WHITE
5200UE 0091000	WHITE
5200UE 0041000	YELLOW
5200UE 0041000	YELLOW

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