



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 - Riser
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
Conductor Size:	16 AWG

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 Direction	Twists
Left Hand	3 twist/ft

Print Legend:	NEW GENERATION(R) BY BELDEN 5200UE CMR 75C 2C16 (UL) E108998 OR C(UL) CMG----FT4 (2 FT., 7 DIGIT SEQUENTIAL) FEET
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Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
4.2 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor

23 pF/ft

Shielding:	Multiple or Specialty
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Inductance

Nominal Inductance

0.14 μ H/ft

Current

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

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:	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, LSOH, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1666 Vertical Riser
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

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

Part Number

Variants

Item #	Color	Footnote
5200UE 0101000	Black	
5200UE 010U1000	Black	
5200UE 0061000	Blue, Light	

5200UE 0061000	Blue, Light	
5200UE 001U1000	Brown	
5200UE.00152	Chrome	
5200UE.00305	Chrome	
5200UE.00153	Chrome	
5200UE 0081000	Gray	C
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	C
5200UE 0021000	Red	C
5200UE 0071000	Violet	
5200UE 0071000	Violet	
5200UE 009U1000	White	
5200UE 0091000	White	
5200UE 0091000	White	
5200UE 0041000	Yellow	
5200UE 0041000	Yellow	

Footnote:	C - CRATE REEL PUT-UP.
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