

Part Number: 5200UE

Security & Sound, 2 Conductor 16 AWG, BC, 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	BC - Bare 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

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
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

Flammability, LS0H, 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 010Z1000	Black	
5200UE 010Z1000	Black	
5200UE 0061000	Blue, Light	
5200UE 0061000	Blue, Light	
5200UE 001U1000	Brown	
5200UE 001Z1000	Brown	
5200UE 001Z1000	Brown	
5200UE.00152	Chrome	
5200UE.00305	Chrome	
5200UE.00153	Chrome	
5200UE 0081000	Gray	C
5200UE 008500	Gray	
5200UE 008U1000	Gray	
5200UE 008U500	Gray	
5200UE 008Z1000	Gray	
5200UE 008Z1000	Gray	
5200UE 0051000	Green, Dark	
5200UE 0051000	Green, Dark	
5200UE 0031000	Orange	
5200UE 0031000	Orange	
5200UE 0021000	Red	C
5200UE 0021000	Red	C
5200UE 002Z1000	Red	
5200UE 002Z1000	Red	
5200UE 0071000	Violet	
5200UE 0071000	Violet	
5200UE 009U1000	White	
5200UE 0091000	White	
5200UE 0091000	White	
5200UE 009Z1000	White	
5200UE 009Z1000	White	
5200UE 0041000	Yellow	
5200UE 0041000	Yellow	

Footnote:	C - CRATE REEL PUT-UP.

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