




**Product:** [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
------------------	---

##### Insulation

Material	Nominal Wall Thickness
Polyolefin (PO, PE, PP)	0.008 in

##### Color Chart

Number	Color
1	Black
2	Red

##### Outer Shield Material

Material
No Shield

##### 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

#### 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  $\mu$ 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
MII Order #39 (China RoHS):	Yes

#### Suitability

Suitability - Indoor:	Yes
-----------------------	-----

#### Flammability, LS0H, 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):	N
Plenum Number:	6200UH

#### Part Number

#### Variants

Item #	Color	UPC	Length	Footnote
5200UE 0101000	Black	612825157458	1,000 ft	
5200UE 010U1000	Black	612825421146	1,000 ft	
5200UE 010Z1000	Black	612825157496	1,000 ft	
5200UE 0061000	Blue, Light	612825350187	1,000 ft	

5200UE 001U1000	Brown	612825421108	1,000 ft	
5200UE 001Z1000	Brown	612825157403	1,000 ft	
5200UE 0011000	Brown		1,000 ft	
5200UE.00152	Chrome		152 m	
5200UE.00305	Chrome		305 m	
5200UE.K0305	Chrome		305 m	
5200UE.00153	Chrome		500 m	
5200UE 0081000	Gray	612825157434	1,000 ft	C
5200UE 008500	Gray	612825157410	500 ft	
5200UE 008U1000	Gray	612825157427	1,000 ft	
5200UE 008U500	Gray	612825421122	500 ft	
5200UE 008Z1000	Gray	612825350194	1,000 ft	
5200UE 0051000	Green, Dark	612825350170	1,000 ft	
5200UE 0031000	Orange	612825350156	1,000 ft	
5200UE 0021000	Red	612825421115	1,000 ft	C
5200UE 002Z1000	Red	612825350149	1,000 ft	
5200UE 0071000	Violet	612825336532	1,000 ft	
5200UE 009U1000	White	612825421139	1,000 ft	
5200UE 0091000	White	612825157441	1,000 ft	
5200UE 009Z1000	White	612825157465	1,000 ft	
5200UE 0041000	Yellow	612825350163	1,000 ft	

Footnote:	C - CRATE REEL PUT-UP.
-----------	------------------------

### History

Update and Revision:	Revision Number: 0.272 Revision Date: 04-02-2020
----------------------	--

© 2020 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.