




**Product:** [5202UE](#) 

Security & Sound, #16-4c, BC, CMR

## Product Description

Security & Sound Cable, Riser-CMR, 4-16 AWG stranded bare copper conductors with polyolefin insulation, PVC jacket with ripcord

## Technical Specifications

### Product Overview

Suitable Applications:	Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls
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### Physical Characteristics (Overall)

#### Conductor

Element	AWG	Stranding	Material	No. of Conductors
Conductor(s)	16	19x29	BC - Bare Copper	4

Conductor Count:	4
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#### Insulation

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

#### Color Chart

Color
Black
Red
White
Green

#### Outer Shield Material

Material
No Shield

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.21 in	0.017 in	Yes

## Construction and Dimensions

#### Cabling

Twists
3.4 twist/ft

## Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
4.2 Ohm/1000ft

#### Capacitance

**Nom. Capacitance Conductor to Conductor**

23 pF/ft

**Current**

Element	Max. Recommended Current [A]
10C Temperature Rise	Per conductor @ 25°C: 5 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:	41 lbs/1000ft
Max Recommended Pulling Tension:	117 lbs
Min Bend Radius/Minor Axis:	2 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
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**Flammability, LSOH, Toxicity Testing**

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

**Plenum/Non-Plenum**

Plenum (Y/N):	No
Plenum Number:	6202UE

**Part Number****Variants**

Item #	Color	Putup Type	Length	UPC/EAN
5202UE 010500	Black			612825157960
5202UE 010U1000	Black			612825157953
5202UE 0081000	Gray			612825157922
5202UE 008500	Gray			612825157939
5202UE 008U1000	Gray			612825336587
5202UE 008U500	Gray			612825157915

5202UE.00152	Gray	Reel	152 m	8719605008107
5202UE.00305	Gray	Reel	305 m	8719605008114
5202UE.00U305	Gray	Reel	305 m	8719605008121
5202UE 009U1000	White			612825157946

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

Update and Revision:	Revision Number: 0.225 Revision Date: 05-11-2020
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