




**Product:** [5302UE](#)   
Security & Sound, #18-4c, BC, CMR

**Product Description**  
Security & Sound Cable, Riser-CMR, 4-18 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)**

<b>Conductor</b>			
AWG	Stranding	Material	No. of Conductors
18	7x26	BC - Bare Copper	4
Conductor Count:			4

<b>Insulation</b>	
Material	Nominal Wall Thickness
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	0.184 in	0.017 in	Yes

**Construction and Dimensions**

**Cabling**

Lay Direction	Twists
Left Hand	3 twist/ft

**Electrical Characteristics**

<b>Conductor DCR</b>	
Nominal Conductor DCR	6.5 Ohm/1000ft

**Capacitance**

Nom. Capacitance Conductor to Conductor
22 pF/ft

Current

Element	Max. Recommended Current [A]
10C Temperature Rise	4 Amps per Conductor at 25°C (10°C Temperature Rise)

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:	28 lbs/1000ft
Max. Pull Tension:	90 lbs
Min Bend Radius/Minor Axis:	1.8 in

Standards

NEC Articles:	Article 800
NEC/(UL) Compliance:	CMR
CEC/C(UL) Compliance:	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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	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, LS0H, Toxicity Testing

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

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6302UE

Part Number

Variants

Item #	Color	Putup Type	Length	UPC/EAN
5302UE.00152	Chrome	Reel	152 m	8719605008268
5302UE.00305	Chrome	Reel	305 m	8719605008275
5302UE.00U305	Chrome	Reel	305 m	8719605008282
5302UE 0081000	Gray			612825336853
5302UE 008500	Gray			612825336860
5302UE 008C250	Gray			

5302UE 008U1000	Gray	612825159612
5302UE 008U500	Gray	612825159629

Footnote: C - CRATE REEL PUT-UP.

## History

Update and Revision:	Revision Number: 0.225 Revision Date: 03-16-2021
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