



Product: [5306UE](#)

Security & Sound, #18-8c, BC, CMR

Product Description

Security & Sound Cable, Riser-CMR, 8-18 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)

Conductor

Element	AWG	Stranding	Material	No. of Conductors
Conductor(s)	18	7x26	BC - Bare Copper	8

Conductor Count:	8
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Insulation

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

Color Chart

Color
Black
Red
White
Green
Brown
Blue
Orange
Yellow

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.241 in	0.018 in	Yes

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
6.5 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor

21.5 pF/ft

Current

Max. Recommended Current [A]

3.5 Amps per conductor @ 25°C 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:	55.7 lbs/1000ft
Max. Pull Tension:	179.2 lbs
Min Bend Radius/Minor Axis:	2.375 in

Standards

NEC Articles:	Article 800
NEC/(UL) Compliance:	CMR
CEC/C(UL) Compliance:	CMG

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 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

Flammability, LS0H, Toxicity Testing

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

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6306UE

Part Number

Variants

Item #	Color	UPC
5306UE 0081000	Gray	612825159995
5306UE 008500	Gray	612825336945

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.221 Revision Date: 05-11-2020
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