




**Product:** [5305UE](#) 

Security & Sound, #18-7c, BC, CMR

## Product Description

Security & Sound Cable, Riser-CMR, 7-18 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

AWG	Stranding	Material	No. of Conductors
18	7x26	BC - Bare Copper	7
26			

Conductor Count:	7
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#### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.008 in

#### Color Chart

Color
Black
Red
White
Green
Brown
Blue
Orange

#### Outer Shield Material

Material	Drainwire AWG
No Shield	26

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.226 in	0.018 in	Yes

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
6.5 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor
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30 pF/ft

#### High Frequency (Nominal/Typical)

##### Nom. Insertion Loss

26 dB/100m

#### Current

##### Max. Recommended Current [A]

3.5 Amps per Conductor at 25°C

#### 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:	48.9 lbs/1000ft
Max. Pull Tension:	140 lbs
Min Bend Radius/Minor Axis:	2.25 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, LSOH, Toxicity Testing

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

#### Plenum/Non-Plenum

Plenum (Y/N):	No
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#### Part Number

##### Variants

Item #	Color	UPC
5305UE 0081000	Gray	612825159964
5305UE 008U1000	Gray	612825159957

Footnote: C - CRATE REEL PUT-UP.

#### History

Update and Revision:	Revision Number: 0.216 Revision Date: 06-08-2020
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- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
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- Поставка образцов и прототипов;
- Техническая поддержка проекта;
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#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.