



**Product:** [5506UE](#)

Security & Sound, #22-8c, BC, CMR

### Product Description

Security & Sound Cable, Riser-CMR, 8-22 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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#### Construction Details

##### Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	8	22	7x30	BC - Bare Copper

##### Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PP - Polypropylene	0.008 in (0.20 mm)	0.045 in (1.1 mm)	Black, Red, White, Green, Brown, Blue, Orange, Yellow

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	0.183 in (4.65 mm)	Yes

#### Electrical Characteristics

##### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
17.41 Ohm/1000ft (57.12 Ohm/km)	17 pF/ft (56 pF/m)	2 Amps per Conductor at 25°C

##### Voltage

UL Voltage Rating
300 V

#### Mechanical Characteristics

##### Temperature

UL Temperature	Operating
75°C	-20°C To +75°C

##### Bend Radius

Stationary Min.	Installation Min.
1.83 in (46.5 mm)	1.83 in (46.5 mm)

Max. Pull Tension:	72.8 lbs (33.0 kg)
Bulk Cable Weight:	28 lbs/1000ft (42 kg/km)

#### Standards and Compliance

Environmental Suitability:	Outdoor
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Flammability / Reaction to Fire:	UL1666 Riser, FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6506UE

## History

Update and Revision:	Revision Number: 0.486 Revision Date: 04-24-2024
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## Part Numbers

### Variants

Item #	Color	UPC	Footnote
5506UE 0081000	Gray	612825163916	C
5506UE 008U1000	Gray	612825163909	

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