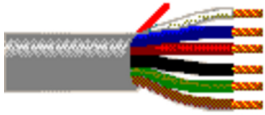


**Part Number: 5506UE**



**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 Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls, and Single Line Telephone.
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**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
22	7x30	BC - Bare Copper	8

Conductor Count:	8
Conductor Size:	22 AWG

**Insulation**

Material	Nominal Wall Thickness
PP - Polypropylene	0.008 in

**Color Chart**

Number	Color
1	Black
2	Red
3	White
4	Green
5	Brown
6	Blue
7	Orange
8	Yellow

**Outer Shield Material**

Material
Unshielded

**Outer Jacket Material**

Material	Nominal Diameter	Ripcord
PVC - Polyvinyl Chloride	0.183 in	Yes

**Construction and Dimensions**

**Cabling**

Twists
4.364 twist/ft

Print Legend:	NEW GENERATION(R) BY BELDEN-M 5506UE CMR 75C 8C22 (UL) E108998 OR C(UL) CMG (2 FT., 7 DIGIT SEQUENTIAL) FEET
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**Electrical Characteristics**

**Conductor DCR**

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

#### Capacitance

<b>Nom. Capacitance Conductor to Conductor</b>
17 pF/ft

Shielding:	Unshielded
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#### Current

<b>Max. Recommended Current [A]</b>
2 Amps per conductor @ 25°C A

#### Voltage

<b>UL Voltage Rating</b>
300 V RMS

#### Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

#### Mechanical Characteristics

Bulk Cable Weight:	25 lbs/1000ft
Max Recommended Pulling Tension:	72.8 lbs
Min Bend Radius/Minor Axis:	1.75 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 Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
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:	6506UE

#### Part Number

#### Variants

Item #	Color	Footnote
5506UE 0081000	Gray	C
5506UE 008U1000	Gray	

Footnote:	C - CRATE REEL PUT-UP.
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