



**Part Number: 5504UE**

Security & Sound, #22-6c, BC, CMR

**Product Description**

Security & Sound Cable, Riser-CMR, 6-22 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	6

Conductor Count:	6
Conductor Size:	22 AWG

**Insulation**

Material	Nominal Wall Thickness
PP - Polypropylene	0.008 in

**Color Chart**

Number	Color	Number	Color
1	Black	4	Green
2	Red	5	Brown
3	White	6	Blue

**Outer Shield Material**

Material
Unshielded

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.168 in	0.017 in	Yes

**Construction and Dimensions**

**Cabling**

Lay Direction	Twists
Left Hand	4.8 twist/ft

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR
16.2 Ohm/1000ft

**Capacitance**

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

#### Current

<b>Element</b>	<b>Max. Recommended Current [A]</b>
10C Temperature Rise	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:	19 lbs/1000ft
Max Recommended Pulling Tension:	54.6 lbs
Min Bend Radius/Minor Axis:	1.625 in

#### Standards

NEC Articles:	800
CEC/C(UL) Specification:	CMG
CPR Euroclass:	Eca

#### Applicable Environmental and Other Programs

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

#### Suitability

Suitability - Indoor:	Yes
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#### Flammability, LS0H, Toxicity Testing

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

#### Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6504UE

#### Part Number

#### Variants

Item #	Color	UPC	Length	Footnote
5504UE.001000	Chrome		1,000 m	
5504UE.00305	Chrome		305 m	
5504UE 0081000	Gray	612825163800		C
5504UE 008500	Gray	612825163817		
5504UE 008C500	Gray			
5504UE 008U1000	Gray	612825163794		
5504UE 009C500	White	612825163824		
5504UE 009U1000	White	612825163831		
5504UE 009U500	White	612825163848		

Footnote:	C - CRATE REEL PUT-UP.
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#### History

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