

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.

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
1	Black
2	Red
3	White
4	Green
5	Brown
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

Print Legend: NEW GENERATION(R) BY BELDEN 5504UE CMR 75C 6C22 (UL) E108998 OR C(UL) CMG----FT4 (2 FT., 7 DIGIT SEQUENTIAL) FEET

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
16.2 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor

17 pF/ft

Shielding: Unshielded

Current

Element Max. Recommended Current [A]

10C Temperature Rise 2 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: 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

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

Plenum Number: 6504UE

Part Number

Variants

Item #	Color	Footnote
5504UE.001000	Chrome	
5504UE.00305	Chrome	
5504UE 0081000	Gray	C
5504UE 008500	Gray	
5504UE 008C500	Gray	
5504UE 008U1000	Gray	
5504UE 009C500	White	
5504UE 009U1000	White	
5504UE 009U500	White	

Footnote: C - CRATE REEL PUT-UP.

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