

Part Number: 5502UE

Security & Sound, #22-4c, BC, CMR



Product Description

Security & Sound Cable, Riser-CMR, 4-22 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	4

Conductor Count:	4
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

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.141 in	0.017 in	Yes

Construction and Dimensions

Cabling

Lay Length	Twists
4 in	3 twist/ft

Print Legend:	NEW GENERATION(R) BY BELDEN 5502UE CMR 75C 4C22 (UL) E108998 OR C(UL) CMG (2 FT., 7 DIGIT SEQUENTIAL) FEET
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Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
16.2 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor

17 pF/ft

Shielding: Unshielded

Current**Max. Recommended Current [A]**

2.2 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: 13 lbs/1000ft

Max Recommended Pulling Tension: 36.4 lbs

Min Bend Radius/Minor Axis: 1.375 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

Flammability, LS0H, Toxicity Testing

C(UL) Flammability: FT4

UL Flammability: UL1666 Riser

UL voltage rating: 300 V RMS

Plenum/Non-Plenum

Plenum Number: 6502UE

Part Number**Variants**

Item #	Color	Footnote
5502UE.00152	Chrome	
5502UE.00305	Chrome	
5502UE.00U305	Chrome	
5502UE 0081000	Gray	C
5502UE 008C500	Gray	
5502UE 008U1000	Gray	
5502UE 008U500	Gray	
5502UE 0091000	White	C
5502UE 009U1000	White	

Footnote: C - CRATE REEL PUT-UP.

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