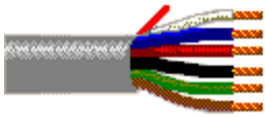


Part Number: 5409UE



Security & Sound, #20-12c, BC, CMR

Product Description

Security & Sound Cable, Riser-CMR, 12-20 AWG stranded bare copper conductors with polypropylene 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
20	7x28	BC - Bare Copper	12

Conductor Count:	12
Conductor Size:	20 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
9	Purple
10	Gray
11	Pink
12	Tan

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.252 in	0.017 in	Yes

Construction and Dimensions

Cabling

Twists
3 twist/ft

Print Legend:	NEW GENERATION(R) BY BELDEN-M 5409UE CMR 75C 12C20 (UL) E108998 OR C(UL) CMG (2 FT., 7 DIGIT SEQUENTIAL) FEET
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Electrical Characteristics

Conductor DCR

Nominal Conductor DCR

10.2 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor

24.7 pF/ft

Shielding: Unshielded

Current

Max. Recommended Current [A]

2.6 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: 58.2 lbs/1000ft

Max Recommended Pulling Tension: 151.2 lbs

Min Bend Radius/Minor Axis: 2.6 in

Standards

NEC Articles: 800

NEC/(UL) Specification: CMR

CEC/C(UL) Specification: CMG

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, 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: 6409UE

Part Number

Variants

Item #	Color	Footnote
5409UE 0081000	Gray	C

Footnote: C - CRATE REEL PUT-UP.

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