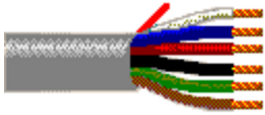


Part Number: 5406UE



Security & Sound, #20-8c, BC, CMR

Product Description

Security & Sound Cable, Riser-CMR, 8-20 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	Nominal Diameter	No. of Conductors
20	7x28	BC - Bare Copper	0.036 in	8

Conductor Count:	8
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

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.202 in	0.018 in	Yes

Construction and Dimensions

Cabling

Twists
3.69 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR

10.2 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor

26 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: 38 lbs/1000ft
Max Recommended Pulling Tension: 100.8 lbs
Min Bend Radius/Minor Axis: 2.1 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, LS0H, Toxicity Testing

C(UL) Flammability: FT4
UL Flammability: UL1666 Riser
UL voltage rating: 300 V RMS

Part Number

Variants

Item #	Color	Footnote
5406UE 0081000	Gray	C
5406UE 008U1000	Gray	

Footnote: C - CRATE REEL PUT-UP.

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