



Product: [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 System, Intercom/PA, Audio/Speaker, Power-Limited Controls
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Physical Characteristics (Overall)

Conductor

Element	AWG	Stranding	Material	No. of Conductors
Conductor(s)	22	7x30	BC - Bare Copper	4

Conductor Count: 4

Insulation

Element	Material	Nominal Wall Thickness
Conductor(s)	PP - Polypropylene	0.008 in

Color Chart

Number	Color
1	Black
2	Red
3	White
4	Green

Outer Shield Material

Material
No Shield

Outer Jacket Material

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

Construction and Dimensions

Cabling

Twists
3 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
16.2 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
17 pF/ft

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
MII Order #39 (China RoHS):	Yes

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 Number:	6502UE
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Part Number

Variants

Item #	Color	Putup Type	Length	UPC/EAN
5502UE.00152	Chrome	Reel	152 m	8719605008718
5502UE.00305	Chrome	Reel	305 m	8719605008725
5502UE.00U305	Chrome	Reel	305 m	8719605008732
5502UE 0081000	Gray			612825163411
5502UE 008C500	Gray			612825163381
5502UE 008U1000	Gray			612825163398
5502UE 008U500	Gray			612825163404
5502UE 0091000	White			612825163435
5502UE 009U1000	White			612825163428

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.215 Revision Date: 05-11-2020
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