



Part Number: 5500UE

Security & Sound, 2 Conductor 22 AWG, BC, CMR

Product Description

Security & Commercial Audio Cable, Riser-CMR, 2-22 AWG stranded bare copper conductors with polyolefin insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

Environmental Space:	Indoor - Riser
Suitable Applications:	Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls, Single Line Telephone

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	BC - Bare Copper	2

Conductor Count:	2
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Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PP - Polypropylene	0.045 in	0.008 in

Color Chart

Number	Color
1	Black
2	Red

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.123 in	0.017 in	Yes

Construction and Dimensions

Cabling

Twists
3.56 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
16.1 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor

17 pF/ft

Inductance

Nominal Inductance

0.17 µH/ft

Current

Max. Recommended Current [A]

2.8 Amps per conductor @ 25°C

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:	8 lbs/1000ft
Max Recommended Pulling Tension:	18.2 lbs
Min Bend Radius/Minor Axis:	1.25 in

Standards

NEC Articles:	800
NEC/(UL) Specification:	CMR
CEC/C(UL) Specification:	CMG
CPR Euroclass:	Eca

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 Vertical Shaft
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6500UH

Part Number

Variants

Item #	Color	UPC	Length
5500UE.00152	Chrome		152 m
5500UE.00305	Chrome		305 m
5500UE.K0305	Chrome		305 m
5500UE 0081000	Gray	612825162919	1,000 ft
5500UE 008500	Gray	612825162896	500 ft
5500UE 008U1000	Gray	612825162902	1,000 ft
5500UE 008U500	Gray	612825420033	500 ft

5500UE 008Z1000	Gray	612825163145	1,000 ft
5500UE 008Z1000	Gray	612825163145	1,000 ft
5500UE 005Z1000	Green	612825337171	1,000 ft
5500UE 005Z1000	Green	612825337171	1,000 ft
5500UE 005U1000	Green, Dark	612825420026	1,000 ft

History

Update and Revision:	Revision Number: 0.272 Revision Date: 08-22-2019
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