



**Part Number: 5500UE**

Security & Sound, #22-2c, TC, Unshielded, CMR

## Product Description

Security & Commercial Audio Cable, Riser-CMR, 2-22 AWG stranded tinned 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	TC - Tinned Copper	2

Conductor Count:	2
Conductor Size:	22 AWG

#### 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

Print Legend: NEW GENERATION(R) BY BELDEN-M 5500UE CMR 75C 2C22 (UL) E108998 OR C(UL) CMG (2 FT., 7 DIGIT SEQUENTIAL) FEET

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
16.1 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor
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17 pF/ft
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Shielding:	Multiple or Specialty
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#### Inductance

##### Nominal Inductance

0.17 $\mu$ H/ft
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#### Current

##### Max. Recommended Current [A]

2.8 Amps per conductor @ 25°C
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#### Voltage

##### UL Voltage Rating

300 V RMS
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### 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, LSOH, Toxicity Testing

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

### Plenum/Non-Plenum

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

### Part Number

#### Variants

Item #	Color
5500UE.00152	Chrome
5500UE.00305	Chrome
5500UE 0081000	Gray
5500UE 008500	Gray
5500UE 008U1000	Gray
5500UE 008U500	Gray
5500UE 005U1000	Green, Dark

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