



**Product:** [5542UE](#)

Security & Sound, #22-3pr, BC, CMR

**Product Description**

Security & Sound Cable, Riser-CMR, 3-22 AWG stranded bare copper pairs with polypropylene 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**

AWG	Stranding	Material	No. of Pairs
22	7x30	BC - Bare Copper	3

Conductor Count:	6
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**Insulation**

Material	Nominal Wall Thickness
PP - Polypropylene	0.007 in

**Color Chart**

Number	Color
1	Black & Red
2	Black & White
3	Black & Green

**Outer Shield Material**

Material
No Shield

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.197 in	0.017 in	Yes

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR
16.3 Ohm/1000ft

**Capacitance**

Nom. Capacitance Conductor to Conductor
24.11 pF/ft

**Current**

Max. Recommended Current [A]
2 Amps per Conductor at 20°C

## Voltage

### UL Voltage Rating

300 V RMS

## Temperature Range

Operating Temp Range: -20°C To +75°C

## Mechanical Characteristics

Bulk Cable Weight: 22.8 lbs/1000ft

Max. Pull Tension: 54.6 lbs

Min Bend Radius/Minor Axis: 2 in

## Standards

NEC/(UL) Compliance: CMR

CEC/C(UL) Compliance: 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

MII Order #39 (China RoHS): Yes

## Flammability, LS0H, Toxicity Testing

CSA Flammability: FT4

UL voltage rating: 300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N): No

Plenum Number: 6542UE

## Part Number

### Variants

Item #	Color	UPC
5542UE 0081000	Gray	612825164357
5542UE 008U1000	Gray	612825164340

## History

Update and Revision: Revision Number: 0.215 Revision Date: 06-08-2020

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