



**Product:** [6547UE](#)

Security & Sound, #22-9pr, BC, CMP

**Product Description**

Security & Sound Cable, Plenum-CMP 9-22 AWG stranded bare copper pairs with Flamarrest® insulation, Flamarrest® 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	9

Conductor Count:	18
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**Insulation**

Material	Material Trade Name	Nominal Wall Thickness
PVC - Polyvinyl Chloride	Flamarrest®	0.009 in

**Color Chart**

Color
Black & Red
Black & White
Black & Green
Black & Blue
Black & Yellow
Black & Brown
Black & Orange
Red & White
Red & Green

**Outer Shield**

Material
No Shield

**Outer Jacket**

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	Flamarrest®	0.318 in	0.018 in	Yes

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR
16.3 Ohm/1000ft

**Capacitance**

Nom. Capacitance Conductor to Conductor
25 pF/ft

Inductance

Nominal Inductance
0.17 µH/ft

Current

Max. Recommended Current [A]
1.4 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

Operating Temperature Range:	0°C To +75°C
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Mechanical Characteristics

Bulk Cable Weight:	64 lbs/1000ft
Max. Pull Tension:	163.8 lbs
Min. Bend Radius/Minor Axis:	3.2 in

Standards

NEC/(UL) Compliance:	CMP
CEC/C(UL) Compliance:	CMP

Applicable Environmental and Other Programs

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262 Plenum Flame Test (UL910)
CSA Flammability:	FT6
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Related Part Numbers

Non-Plenum Number:	5547UE
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Variants

Item #	Color	UPC
6547UE 8771000	Natural	612825178484

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.287 Revision Date: 05-31-2024
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# Mouser Electronics

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