



Product: [6542UE](#)

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

**Product Description**

Security & Sound Cable, Plenum-CMP 3 Pr-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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**Construction Details**

**Conductor**

Element	No. of Elements	Size	Stranding	Material
Pair(s)	3	22 AWG	7x30	BC - Bare Copper

**Insulation**

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.009 in (0.23 mm)	0.047 in (1.2 mm)	Black & Red, Black & White, Black & Green

**Outer Shield**

Material
No Shield

**Outer Jacket**

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.212 in	Yes

Overall Cable Diameter (Nominal):	0.212 in
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**Electrical Characteristics**

**Electricals**

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
17.6 Ohm/1000ft	25 pF/ft (82 pF/m)	4.2 Amps per Conductor at 30°C

**Voltage**

UL Voltage Rating
300 V

**Mechanical Characteristics**

**Temperature**

UL Temperature	Operating
75°C	0°C to +75°C

**Bend Radius**

Stationary Min.	Installation Min.
2.12 in (53.8 mm)	2.12 in

Max. Pull Tension:	54.6 lbs (24.8 kg)
Bulk Cable Weight:	24 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262 (UL 910), FT6, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	5542UE

History

Update and Revision:	Revision Number: 0.399 Revision Date: 12-22-2023
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Part Numbers

Variants

Item #	Color	UPC	Footnote
6542UE 8771000	Natural	612825178385	C

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