



**Product:** [6541UE](#)

Security & Sound, #22-2pr, BC, CMP

## Product Description

Security & Sound Cable, Plenum-CMP 2-22 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	Number of Element	Size	Stranding	Material
Pair(s)	2	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

#### Outer Shield

Material
No Shield

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.199 in	Yes

Overall Cable Diameter (Nominal):	0.199 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)	4.8 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.
1.99 in (50.5 mm)	1.99 in

Max. Pull Tension:	36.4 lbs (16.5 kg)
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Bulk Cable Weight:	17 lbs/1000ft
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## Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262 (UL 910), FT6
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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	5541UE

## History

Update and Revision:	Revision Number: 0.290 Revision Date: 04-08-2022
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## Part Numbers

### Variants

Item #	Color	UPC
6541UE 8771000	Natural	612825178347
6541UE 877U1000	Natural	612825178330

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