



**Product:** [6504UE](#)

Security & Sound, #22-6c BC, CMP

### Product Description

Security & Sound Cable, Plenum-CMP 6-22 AWG stranded bare copper conductors 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
Conductor(s)	6	22 AWG	7x30	BC - Bare Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.008 in (0.20 mm)	0.045 in (1.1 mm)	Black, Red, White, Green, Brown, Blue

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.165 in (4.19 mm)	Yes

Overall Cable Diameter (Nominal):	0.165 in (4.19 mm)
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#### Electrical Characteristics

##### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	16 Ohm/1000ft	27 pF/ft (89 pF/m)	1.9 Amps per Conductor at 25°C

##### Voltage

UL Voltage Rating
300 V (CMP)

#### Mechanical Characteristics

##### Temperature

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

##### Bend Radius

Stationary Min.	Installation Min.
1.65 in (41.9 mm)	1.65 in (41.9 mm)

Max. Pull Tension:	54 lbs (24 kg)
Bulk Cable Weight:	21 lbs/1000ft

#### Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262, UL 910 (Plenum), FT6
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:	5504UE

## History

Update and Revision:	Revision Number: 0.426 Revision Date: 01-20-2023
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## Part Numbers

### Variants

Item #	Color	UPC
6504UE 8771000	Natural	612825177913
6504UE 877500	Natural	612825177920
6504UE 877C500	Natural	612825177890
6504UE 877U1000	Natural	612825177906
6504UE 877U500	Natural	612825352402
6504UE 877U500	Natural	612825352402

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