



Product: [6500UE](#)

Security & Sound, 2 Conductor 22 AWG, BC, CMP

Product Description

Security & Commercial Audio Cable, Plenum-CMP 2-22 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Security System, Intercom/PA, Audio/Speaker, Noisy Environment
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	2	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

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.120 in (3.05 mm)	Yes

Overall Cable Diameter (Nominal):	0.120 in (3.05 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	16.9 Ohm/1000ft	55 pF/ft (180 pF/m)	6 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
1.3 in (33 mm)	1.3 in (33 mm)

Max. Pull Tension:	18 lbs (8.2 kg)
Bulk Cable Weight:	8 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262, UL 910 (Plenum), 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:	5500UE

History

Update and Revision:	Revision Number: 0.503 Revision Date: 02-03-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
6500UE 8771000	Natural	Reel	1,000 ft	612825177449
6500UE 877C1000	Natural	Coil	1,000 ft	612825340409
6500UE 877U1000	Natural	UnReel	1,000 ft	612825420088
6500UE 877Z1000	Natural	ReelTuff Box	1,000 ft	612825177470
6500UE 007U1000	Violet	UnReel	1,000 ft	

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