



Product: [6501UE](#)



Security & Sound, 3 Conductor 22 AWG BC, Plenum

Product Description

Security & Commercial Audio Cable, 3 Conductor 22 AWG stranded (7x30) bare copper conductors with Flamarrest® insulation, Plenum, Flamarrest® jacket with ripcord.

Technical Specifications

Product Overview

Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems
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Construction Details

Conductor

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

Insulation

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

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.131 in	Yes

Overall Cable Diameter (Nominal):	0.131 in
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
16.1 Ohm/1000ft	25 pF/ft (82 pF/m)	2.8 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-20°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
1.31 in (33.3 mm)	1.31 in

Max. Pull Tension:	27.3 lbs (12.4 kg)
Bulk Cable Weight:	12 lbs/1000ft

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:	5501UE

History

Update and Revision:	Revision Number: 0.361 Revision Date: 02-03-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
6501UE 8771000	Natural	Reel	1,000 ft	612825177531
6501UE 877U1000	Natural	UnReel	1,000 ft	612825424031
6501UE 877Z1000	Natural	ReelTuff Box	1,000 ft	612825177555

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