



**Product:** [6000UE](#) 

Security & Sound, 2 Conductor 12 AWG BC, CL2P

## Product Description

Security & Commercial Audio Cable, Plenum-CL2P 2-12 AWG stranded bare copper conductors with Flamarrest® insulation, 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)	2	12 AWG	19x25	BC - Bare Copper

#### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.011 in (0.28 mm)	0.113 in (2.87 mm)	Black, White

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.252 in (6.40 mm)	Yes

Overall Cable Diameter (Nominal): 0.252 in (6.40 mm)

### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Inductance	Max. Current
Conductor(s)	1.6 Ohm/1000ft	36 pF/ft (120 pF/m)	0.14 µH/ft (0.46 µH/m)	30 Amps per conductor @ 25°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.
2.5 in (64 mm)	2.5 in (64 mm)

Max. Pull Tension: 152 lbs (68.9 kg)

Bulk Cable Weight: 52 lbs/1000ft

### Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
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Flammability / Reaction to Fire:	NFPA 262, UL 910 (Plenum), IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 725, CL2P
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), 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:	5000UH

## History

Update and Revision:	Revision Number: 0.503 Revision Date: 09-07-2025
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC	Footnote
6000UE 010Z500	Black	ReelTuff Box	500 ft	612825166108	
6000UE 0101000	Black	Reel	1,000 ft	612825432913	
6000UE 010Z1000	Black	ReelTuff Box	1,000 ft	612825434108	
6000UE 010Z1000	Black	ReelTuff Box	1,000 ft	612825434108	
6000UE 877500	Natural	Reel	500 ft	612825383116	
6000UE 877Z500	Natural	ReelTuff Box	500 ft	612825166122	
6000UE 8771000	Natural	Reel	1,000 ft	612825166115	C
6000UE 877Z1000	Natural	ReelTuff Box	1,000 ft	612825434122	
6000UE 877Z1000	Natural	ReelTuff Box	1,000 ft	612825434122	
6000UE 0121000	Pink	Reel	1,000 ft	612825337904	C

Footnote:	C - CRATE REEL PUT-UP.
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