



**Product:** [5000UP](#) 

Audio Cable, 2 Conductor 12 AWG, BC, Unshielded, CL3

## Product Description

Audio Cable, Rated-CL3, 2-12 AWG highly flexible stranded bare copper conductors with PVC insulation, PVC 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	No. of Elements	Size	Stranding	Material
Conductor(s)	2	12 AWG	65x30	BC - Bare Copper

#### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.023 in (0.58 mm)	0.138 in (3.51 mm)	Black, White

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	0.312 in (7.92 mm)	Yes

Overall Cable Diameter (Nominal):	0.312 in (7.92 mm)
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### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Inductance	Max. Current
Conductor(s)	1.56 Ohm/1000ft	32 pF/ft (100 pF/m)	0.16 $\mu$ H/ft (0.52 $\mu$ H/m)	30 Amps per conductor @ 30°C

#### Voltage

UL Voltage Rating
300 V (CL3)

### Mechanical Characteristics

#### Temperature

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

#### Bend Radius

Stationary Min.	Installation Min.
3.1 in (79 mm)	3.1 in (79 mm)

Max. Pull Tension:	169 lbs (76.7 kg)
Bulk Cable Weight:	59 lbs/1000ft

### Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	UL 1685 UL loading , FT4, IEEE 1202 FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 725, CL3
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)

History

Update and Revision:	Revision Number: 0.492 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
5000UP 010500	Black	Reel	500 ft	612825436508	
5000UP 010U500	Black	UnReel	500 ft	612825433460	
5000UP 0101000	Black	Reel	1,000 ft	612825154754	C
5000UP D15500	Blue	Reel	500 ft	612825336327	C
5000UP D151000	Blue	Reel	1,000 ft	612825154679	
5000UP 008500	Gray	Reel	500 ft	612825154723	C
5000UP 0081000	Gray	Reel	1,000 ft	612825154693	
5000UP 0051000	Green, Dark	Reel	1,000 ft	612825154686	C
5000UP 009U500	White	UnReel	500 ft	612825154747	
5000UP 0091000	White	Reel	1,000 ft	612825154716	

Footnote:	C - CRATE REEL PUT-UP.
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