



**Product:** [5100UP](#) 

Audio Cable, 2 Conductor 14 AWG, BC, Unshielded, CL3

## Product Description

Audio Cable, Rated-CL3, 2-14 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	14 AWG	42x30	BC - Bare Copper

#### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.020 in (0.51 mm)	0.115 in (2.92 mm)	Black, White

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	0.266 in (6.76 mm)	Yes

Overall Cable Diameter (Nominal):	0.266 in (6.76 mm)
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### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Inductance	Max. Current
Conductor(s)	2.42 Ohm/1000ft	29 pF/ft (95 pF/m)	0.17 $\mu$ H/ft (0.56 $\mu$ H/m)	25 Amps per conductor @ 30°C

#### Voltage

<b>UL Voltage Rating</b>
300 V (CL3)

### Mechanical Characteristics

#### Temperature

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

#### Bend Radius

Stationary Min.	Installation Min.
2.7 in (69 mm)	2.7 in (69 mm)

Max. Pull Tension:	106.6 lbs (48.35 kg)
Bulk Cable Weight:	39 lbs/1000ft

### Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	UL 1685 UL loading , 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: 0.493 Revision Date: 09-07-2025
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC	Footnote
5100UP 010500	Black	Reel	500 ft	612825156529	
5100UP 010U500	Black	UnReel	500 ft	612825433484	
5100UP 0101000	Black	Reel	1,000 ft	612825156550	C
5100UP 010U1000	Black	UnReel	1,000 ft	612825156536	
5100UP 010Z1000	Black	ReelTuff Box	1,000 ft	612825156611	
5100UP 008U500	Gray	UnReel	500 ft	612825156505	
5100UP 0081000	Gray	Reel	1,000 ft	612825156451	C
5100UP 008U1000	Gray	UnReel	1,000 ft	612825156468	
5100UP 005500	Green, Dark	Reel	500 ft	612825156413	
5100UP 005U500	Green, Dark	UnReel	500 ft	612825156475	
5100UP 0051000	Green, Dark	Reel	1,000 ft	612825156444	
5100UP 005U1000	Green, Dark	UnReel	1,000 ft	612825156420	
5100UP 009500	White	Reel	500 ft	612825156482	
5100UP 009U500	White	UnReel	500 ft	612825156543	
5100UP 0091000	White	Reel	1,000 ft	612825156512	
5100UP 009U1000	White	UnReel	1,000 ft	612825156499	

Footnote:	C - CRATE REEL PUT-UP.
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