


Product: [5100UP](#) 

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



Product Description

Commercial Audio Cable, Rated-CL3, 2-14 AWG highly flexible stranded bare copper conductors with PVC insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

Environmental Space:	Indoor (Not Riser or Plenum)
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
14	42x30	BC - Bare Copper	2

Conductor Count:	2
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Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.02 in

Color Chart

Color
Black
White

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.266 in	0.018 in	Yes

Construction and Dimensions

Cabling

Twists
3.4 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
2.42 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
29 pF/ft

Inductance

Nominal Inductance

0.17 µH/ft

Current

Max. Recommended Current [A]

22 Amps per conductor @ 25°C

Voltage

UL Voltage Rating

300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	39 lbs/1000ft
Max Recommended Pulling Tension:	109.2 lbs
Min Bend Radius/Minor Axis:	2.625 in

Standards

NEC/(UL) Specification:	CL3
CPR Euroclass:	Eca

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1685 UL Loading
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

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

5100UP 009500	White	612825156482	500 ft	
5100UP 009U1000	White	612825156499	1,000 ft	
5100UP 009U500	White	612825156543	500 ft	

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.259 Revision Date: 01-31-2020
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