

Product: [5102UP](#) 



Audio Cable, 4 Conductor 14 AWG, BC, Unshielded, CM

Product Description

Commercial Audio Cable, Rated-CL3, 4-14 AWG highly flexible stranded bare copper conductors with PVC insulation, PVC jacket with ripcord

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
14	42x30	BC - Bare Copper	4

Conductor Count: 4

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.02 in

Color Chart

Color
Black
White
Red
Green

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.313 in	0.018 in	Yes

Construction and Dimensions

Cabling

Twists
2.8 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]
17.6 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:	76 lbs/1000ft
Max Recommended Pulling Tension:	218.4 lbs
Min Bend Radius/Minor Axis:	3 in

Standards

NEC/(UL) Specification:	CL3
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Applicable Environmental and Other Programs

Environmental Space:	Indoor (Not Riser or Plenum)
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
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
5102UP 010500	Black	Reel	500 ft	612825156727
5102UP D15500	Blue	Reel	500 ft	612825156161
5102UP D151000	Blue	Reel	1,000 ft	612825156734
5102UP 008500	Gray	Reel	500 ft	612825156765
5102UP 0081000	Gray	Reel	1,000 ft	612825156758
5102UP 005500	Green, Dark	Reel	500 ft	612825156741
5102UP 009500	White	Reel	500 ft	612825156772
5102UP 0101000	White	Reel	1,000 ft	612825156789

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.255 Revision Date: 04-28-2020
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