



Product: [5102UP](#)

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

Product Description

Audio Cable, Rated-CL3, 4-14 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
------------------------	---------------------------------------------------------------------

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	4	14 AWG	42x30	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.02 in (0.51 mm)	0.115 in (2.92 mm)	Black, White, Red, Green

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	0.313 in	Yes

Overall Cable Diameter (Nominal):	0.313 in
-----------------------------------	----------

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
2.42 Ohm/1000ft	29 pF/ft (95 pF/m)	6.4 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
3.13 in (79.5 mm)	3.13 in

Max. Pull Tension:	213 lbs (96.6 kg)
--------------------	-------------------

Bulk Cable Weight:	78 lbs/1000ft
--------------------	---------------

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	UL1685 UL Loading
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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.463 Revision Date: 05-01-2023
----------------------	--------------------------------------------------

Part Numbers

Variants

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

© 2023 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.