Product: 5002UP ⧉

Commercial Audio, 4 Conductor 12 AWG BC, CL3

Product Description

Commercial Audio Cable, 4 Conductor 12 AWG, highly flexible stranded (65x30) bare copper conductors with PVC insulation, CL3, PVC jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	High Flex Audio/Speaker

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	4	12 AWG	65x30	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.020 in (0.51 mm)	Black, White, Red, Green

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.022 in (0.56 mm)	0.365 in (9.27 mm)	Yes

Overall Cable Diameter (Nominal):	0.365 in (9.27 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	1.56 Ohm/1000ft (5.12 Ohm/km)	32 pF/ft (100 pF/m)	21 Amps per Conductor at 25ºC

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.
3.7 in (94 mm)	3.7 in (94 mm)

Max. Pull Tension:	338 lbs

Bulk Cable Weight:	113 lbs/1000ft (168 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum)
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: 0.352 Revision Date: 12-15-2021

Variants

Item #	Color	Putup Type	Length	UPC
5002UP 010500	Black	Reel	500 ft	612825155720
5002UP 0101000	Black	Reel	1,000 ft	612825155799
5002UP D15500	Blue	Reel	500 ft	611589226523
5002UP 008500	Gray	Reel	500 ft	612825155768
5002UP 0081000	Gray	Reel	1,000 ft	612825155751
5002UP 005500	Green, Dark	Reel	500 ft	612825155744
5002UP 009500	White	Reel	500 ft	612825155782
5002UP 0091000	White	Reel	1,000 ft	612825155775