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

Environmental Space:	Indoor (Not Riser or Plenum)

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
12	65x30	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
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.365 in	0.022 in	Yes

Construction and Dimensions

Cabling

Twists
2.4 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
1.56 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
32 pF/ft

Inductance

Nominal Inductance
0.16 µH/ft

Current

Max. Recommended Current [A]
21 Amps per conductor @ 25°C A

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:	117 lbs/1000ft
Max Recommended Pulling Tension:	338 lbs
Min Bend Radius/Minor Axis:	3.625 in

Standards

NEC/(UL) Specification:	CL3

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, LS0H, Toxicity Testing

UL Flammability:	UL1685 UL Loading
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No

Part Number

Variants

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

History

Update and Revision:	Revision Number: 0.282 Revision Date: 01-31-2020

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