

Part Number: 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)
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
12	65x30	Bare High-Conductivity ETP Copper	4
Conductor Count:			4
Conductor Size:			12 AWG

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

Lay Length	Twists
5 in	2.4 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
1.56 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor

32 pF/ft

Shielding:	Unshielded
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Inductance

Nominal Inductance

0.16 μ H/ft

Current

Max. Recommended Current [A]

21 Amps per conductor @ 25°C A

Voltage

UL Voltage Rating

300V 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
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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
CA Prop 65 (CJ for Wire & Cable):	Yes
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
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Part Number

Variants

Item #	Color
5002UP 0101000	BLACK
5002UP 010500	BLACK
5002UP D15500	BLUE
5002UP 0081000	GRAY
5002UP 008500	GRAY
5002UP 005500	GREEN, DARK
5002UP 0091000	WHITE
5002UP 009500	WHITE

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