

Part Number: 5300UP

Audio Cable, 2 Conductor 18 AWG, BC, Unshielded, CM



Product Description

Commercial Audio Cable, Rated-CM, 2-18 AWG highly flexible stranded bare copper conductors with PVC insulation, 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
18	42x34	Bare High-Conductivity ETP Copper	2
Conductor Count:			2
Conductor Size:			18 AWG

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.015 in

Color Chart

Number	Color
1	Black
2	White

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.184 in	0.015 in	Yes

Construction and Dimensions

Cabling

Lay Length	Twists
2.25 in	5.3 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
6.27 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	
27 pF/ft	
Shielding:	Unshielded

Inductance

Nominal Inductance

0.17 µH/ft

Current

Max. Recommended Current [A]

12.2 Amps per conductor @ 25°C

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:	18 lbs/1000ft
Max Recommended Pulling Tension:	42 lbs
Min Bend Radius/Minor Axis:	1.75 in

Standards

NEC/(UL) Specification:	CM
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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, 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	Footnote
5300UP 0101000	BLACK	C
5300UP D151000	BLUE	
5300UP D15500	BLUE	
5300UP D15U1000	BLUE	
5300UP 0081000	GRAY	
5300UP 0051000	GREEN, DARK	
5300UP 005U1000	GREEN, DARK	
5300UP 005U500	GREEN, DARK	
5300UP 009500	WHITE	
5300UP 009U1000	WHITE	

Footnote: C - CRATE REEL PUT-UP.

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