


Product: [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

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
18	42x34	BC - Bare Copper	2

Conductor Count:

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.015 in

Color Chart

Number	Color
1	Black
2	White

Outer Shield Material

Material
No Shield

Outer Jacket Material

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

Construction and Dimensions

Cabling

Twists
5.3 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
6.27 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
27 pF/ft

Inductance

Nominal Inductance

0.17 µH/ft

Current

Max. Recommended Current [A]

12.2 Amps per conductor @ 25°C

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:	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

Environmental Space:	Indoor (Not Riser or Plenum)
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
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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
5300UP 0101000	Black	Reel	1,000 ft	612825421573
5300UP 010Z1000	Black	Reel/Tuff Box	1,000 ft	612825159322
5300UP D15500	Blue	Reel	500 ft	612825159315
5300UP D151000	Blue	Reel	1,000 ft	612825159339
5300UP D15U1000	Blue	UnReel	1,000 ft	612825336822
5300UP 0081000	Gray	Reel	1,000 ft	612825421566
5300UP 008Z1000	Gray	Reel/Tuff Box	1,000 ft	612825159391
5300UP 005U500	Green, Dark	UnReel	500 ft	612825159377
5300UP 0051000	Green, Dark	Reel	1,000 ft	612825159346
5300UP 005U1000	Green, Dark	UnReel	1,000 ft	612825159353
5300UP 009500	White	Reel	500 ft	612825159384
5300UP 009U1000	White	UnReel	1,000 ft	612825159407

Footnote: C - CRATE REEL PUT-UP.

History

Update and Revision:	Revision Number: 0.257 Revision Date: 04-28-2020
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