Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



8471 Multi-Conductor - High-Conductivity Copper Speaker Cable Twisted Jacketed Con



For more Information please call

1-800-Belden1



General Description:

16 AWG stranded (19x29) tinned copper conductors, PVC insulation, twisted pair, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	16	19x29	TC - Tinned Copper

Total Number of Conductors: 2

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)		
PVC - Polyvinyl Chloride	0.5842		

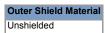
Inner Shield

Inner Shield Material:



Outer Shield

Outer Shield Material:



Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)		
PVC - Polyvinyl Chloride	0.8128		

Overall Cable

Overall Cabling Lay Length & Direction:

Length (mm)	Direction	Twists (twist/m)		
50.800	Left Hand	19.686		

Overall Nominal Diameter: 6.960 mm

Pair

Pair Color Code Chart:

Number	Color
1	Black & White

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C	
Non-UL Temperature Rating:	60°C (UL AWM Style 2598)	
Bulk Cable Weight:	53.575 Kg/Km	
Max. Recommended Pulling Tension:	271.340 N	
Min. Bend Radius/Minor Axis:	69.850 mm	

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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:CL3, CMGNEC Articles:800, 725CEC/C(UL) Specification:CMG

AWM Specification: UL Style 2598 (300 V 60°C)

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes
EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 04/01/2005

EU Directive 2002/96/EC (WEEE): Yes
EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

Flame Test

UL Flame Test: UL1685 FT4 Loading

CSA Flame Test: FT4

Suitability

Suitability - Indoor: Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m) 0.623

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 108.273

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 14.7317

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8471 060U1000	305 MT	17.237 KG	CHROME		1 PR #16 PVC FRPVC
8471 060U500	152 MT	8.845 KG	CHROME		1 PR #16 PVC FRPVC
8471 0601000	305 MT	18.144 KG	CHROME	С	1 PR #16 PVC FRPVC
8471 060500	152 MT	9.072 KG	CHROME	С	1 PR #16 PVC FRPVC
8471 0605000	1,524 MT	88.451 KG	CHROME		1 PR #16 PVC FRPVC
8471NH 010500	152 MT	5.897 KG	BLACK	С	2 #16 PO NHFRPO_

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Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 08-02-2013

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