Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



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

For more Information please call

1-800-Belden1



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			

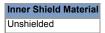
Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.023

Inner Shield

Inner Shield Material:



Outer Shield

Outer Shield Material:

Outer Shield	Material
Unshielded	

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.032

Overall Cable

Overall Nominal Diameter: 0.274 in.

Pair

Pair Color Code Chart:



Pair Lay Length & Direction:

Lay Length (in.)	Twists/ft. (twist/ft)			
2.000	6.000			

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C 60°C (UL AWM Style 2598)		
Non-UL Temperature Rating:			
Bulk Cable Weight:	35.900 lbs/1000 ft.		
Max. Recommended Pulling Tension:	61 lbs.		
Min. Bend Radius (Install)/Minor Axis:	5.100 in.		

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Applica	ble S	pecificati	ons and	Agency (Compl	iance (Overall))
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Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2598 (300 V 60°C)
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

Flame Test

 UL Flame Test:
 UL1685 FT4 Loading

 C(UL) Flame Test:
 FT4

Yes Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

CA Prop 65 (CJ for Wire & Cable):

MII Order #39 (China RoHS):

Nom. Inductance:

Inductance (µH/ft) 0.184

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 4.49

Max. Operating Voltage - UL:

Voltage 300 V RMS (UL AWM Style 2598)

Max. Recommended Current:

Current
7.1 Amps per conductor @ 25°C

Notes (Overall)

Notes: Nominal Breakdown Voltage - Jacket 20 KV RMS; Nominal Breakdown Voltage Between Conductors 20 KV RMS.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8471 060U1000	1,000 FT	38.000 LB	CHROME		1 PR #16 PVC FRPVC
8471 060U500	500 FT	19.500 LB	CHROME		1 PR #16 PVC FRPVC
8471 0601000	1,000 FT	40.000 LB	CHROME	С	1 PR #16 PVC FRPVC
8471 060500	500 FT	20.000 LB	CHROME	С	1 PR #16 PVC FRPVC
8471 0605000	5,000 FT	195.000 LB	CHROME		1 PR #16 PVC FRPVC

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Notes:

C = CRATE REEL PUT-UP.

Revision Date: 11-23-2011 Revision Number: 1

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