

## 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:

Inner Shield Material
Unshielded

#### Outer Shield

##### Outer Shield Material:

Outer Shield Material
Unshielded

#### 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, CMG
NEC Articles:	800, 725
CEC/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
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#### Plenum/Non-Plenum

Plenum (Y/N):	No
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### 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:

Description	Current
10C temperature rise	6.1 Amps per conductor @ 25°C ambient

### 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	20.500 LB	CHROME		1 PR #16 PVC FRPVC
8471 0601000	1,000 FT	40.000 LB	CHROME	C	1 PR #16 PVC FRPVC
8471 060500	500 FT	20.000 LB	CHROME	C	1 PR #16 PVC FRPVC
8471 0605000	5,000 FT	195.000 LB	CHROME		1 PR #16 PVC FRPVC

Notes:

## METRIC MEASUREMENT VERSION

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C = CRATE REEL PUT-UP.

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