

## 8471 Paired - High-Conductivity Copper Speaker Cable Twisted Jacketed Con

 	<p>For more information please call <b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p> <p>Related Documents : No. 1.pdf</p>
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### Description:

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

### PHYSICAL CHARACTERISTICS:

#### CONDUCTOR:

Number of Pairs	1
Total Number of Conductors	2
AWG	16
Stranding	19x29
Conductor Material	TC - Tinned Copper

#### INSULATION:

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.023 in.
Lay Length	2 in.
Twists/ft.	6

Pair Color Code Chart :

Number	Color
1	Black & White

#### INNER SHIELD:

Inner Shield Material	Unshielded
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#### OUTER SHIELD:

Outer Shield Material	Unshielded
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#### OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.032 in.

#### OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.274 in.
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### MECHANICAL CHARACTERISTICS:

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Operating Temperature Range	-20°C To +80°C
Non-UL Temperature Rating	60°C (UL AWM Style 2598)
Bulk Cable Weight	35.9 lbs/1000 ft.
Max. Recommended Pulling Tension	61 lbs.
Min. Bend Radius (Install)	5.1 in.

### APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

#### APPLICABLE STANDARDS:

NEC/(UL) Specification	CMG
CEC/C(UL) Specification	CMG
AWM Specification	UL Style 2598 (300 V 60°C)
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

#### FLAME TEST:

UL Flame Test	UL1685 FT4 Loading
C(UL) Flame Test	FT4

#### PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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#### ELECTRICAL CHARACTERISTICS:

Nom. Inductance	0.184 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	33 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	4.49 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS (UL AWM Style 2598)
Max. Recommended Current	7.1 Amps per conductor @ 25°C

#### NOTES:

Notes	Nominal Breakdown Voltage - Jacket 20 KV RMS; Nominal Breakdown Voltage Between Conductors 20 KV RMS.
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#### PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8471 0601000	1 PR #16 PVC FRPVC	1000	40	CHROME	C
8471 060500	1 PR #16 PVC FRPVC	500	20	CHROME	C
8471 060U1000	1 PR #16 PVC FRPVC	U1000	38	CHROME	
8471 060U500	1 PR #16 PVC FRPVC	U500	19.5	CHROME	

C = CRATE REEL PUT-UP.

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