

**8471 Paired - Audio, Control and Instrumentation Cable**

	<p>For more information please call <b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p> <p>Color Code Chart : No. 1.pdf</p>
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**Description:**

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

**FLAME TEST:**

UL Flame Test	UL1581 Vertical Tray
C(UL) Flame Test	FT4

**PLENUM/NON-PLENUM:**

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

Nom. Inductance	0.19 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	39	CHROME	
8471 060U500	1 PR #16 PVC FRPVC	U500	20	CHROME	

C = CRATE REEL PUT-UP.

Revision Number: 1      Revision Date: 01-30-2004

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