

## 8469 Non-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>Related Documents : No. 1.pdf</p>
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### Description:

18 AWG stranded (19x30) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

### PHYSICAL CHARACTERISTICS:

#### CONDUCTOR:

Number of Conductors	9
Total Number of Conductors	9
AWG	18
Stranding	19x30
Conductor Material	TC - Tinned Copper

#### INSULATION:

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.017 in.

#### OVERALL CABLING:

Overall Cabling Lay Length	3.45 in.
Overall Cabling Twists/ft.	3.4

#### Overall Cabling Color Code Chart :

Number	Color	Number	Color
1	Black	6	Blue
2	White	7	Orange
3	Red	8	Yellow
4	Green	9	Purple
5	Brown		

#### OUTER SHIELD:

Outer Shield Material	Unshielded
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#### OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.037 in.

#### OVERALL NOMINAL DIAMETER:

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Overall Nominal Diameter	.364 in.
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### MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +60°C
UL Temperature Rating	60°C (UL AWM Style 2598)
Bulk Cable Weight	96.3 lbs/1000 ft.
Max. Recommended Pulling Tension	187 lbs.
Min. Bend Radius (Install)	3.6 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:

C(UL) Flame Test	FT4
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#### PLENUM/NON-PLENUM:

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

Nom. Capacitance Conductor to Conductor @ 1 KHz	26 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	6.3 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS (UL AWM Style 2598)
Max. Recommended Current	3.5 Amps per conductor @ 25°C

### PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8469 060100	9 #18 PVC PVC	100	10.5	CHROME	
8469 0601000	9 #18 PVC PVC	1000	105	CHROME	C
8469 060250	9 #18 PVC PVC	250	26	CHROME	C
8469 060500	9 #18 PVC PVC	500	51.5	CHROME	C

C = CRATE REEL PUT-UP.

Revision Number: 2      Revision Date: 05-16-2005

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