

8489 Non-Paired - Audio, Control and Instrumentation Cable

	<p>For more information please call 1-800-Belden1</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	4
Total Number of Conductors	4
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 in.
Overall Cabling Twists/ft.	4

Overall Cabling Color Code Chart :

Number	Color	Number	Color
1	Black	3	Red
2	White	4	Green

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	.257 in.
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MECHANICAL CHARACTERISTICS:

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Operating Temperature Range	-20°C To +60°C
UL Temperature Rating	60°C (UL AWM Style 2598)
Bulk Cable Weight	44.1 lbs/1000 ft.
Max. Recommended Pulling Tension	83 lbs.
Min. Bend Radius (Install)	2.6 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
Plenum Number	88489, 82489

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	4 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8489 060100	4 #18 PVC PVC	100	5.1	CHROME	
8489 0601000	4 #18 PVC PVC	1000	48	CHROME	C
8489 060250	4 #18 PVC PVC	250	12	CHROME	
8489 060500	4 #18 PVC PVC	500	24	CHROME	C
8489 060U1000	4 #18 PVC PVC	U1000	46	CHROME	
8489 060U500	4 #18 PVC PVC	U500	23.5	CHROME	

C = CRATE REEL PUT-UP.

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