

## 8690 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. 3 for Paired Cables (Belden Standard).pdf</p>
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### Description:

18 AWG stranded (16x30) tinned copper conductors, PVC insulation, twisted pairs, PVC jacket.

### PHYSICAL CHARACTERISTICS:

#### CONDUCTOR:

Number of Pairs	3
Total Number of Conductors	6
AWG	18
Stranding	16x30
Conductor Material	TC - Tinned Copper

#### INSULATION:

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.014 in.

#### Pair Color Code Chart :

Number	Color	Number	Color
1	Black & Red	3	Black & Green
2	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	.347 in.
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#### MECHANICAL CHARACTERISTICS:

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Operating Temperature Range	-20°C To +80°C
Non-UL Temperature Rating	80°C (UL AWM Style 2464)
Bulk Cable Weight	58.5 lbs/1000 ft.
Max. Recommended Pulling Tension	134 lbs.
Min. Bend Radius (Install)	3.5 in.

### APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

#### APPLICABLE STANDARDS:

NEC/(UL) Specification	CMG
CEC/C(UL) Specification	CMG
AWM Specification	UL Style 2464 (300 V 80°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. Inductance	0.17 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	25.5 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	5.86 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS (UL AWM Style 2464)
Max. Recommended Current	3.4 Amps per conductor @ 20°C

#### PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8690 060100	3 PR #18 PVC FRPVC	100	7	CHROME	
8690 0601000	3 PR #18 PVC FRPVC	1000	65	CHROME	C
8690 060500	3 PR #18 PVC FRPVC	500	34	CHROME	C
8690 060U500	3 PR #18 PVC FRPVC	U500	32.5	CHROME	

C = CRATE REEL PUT-UP.

Revision Number: 1      Revision Date: 07-19-2005

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