

**8629 Non-Paired - Audio, Control, Communication and Instrumentation Cable**

 	<p><b>For more information please call</b> <b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p> <p><b>Related Documents : No. 2 and 2R (ICEA).pdf</b></p>
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**Description:**

14 AWG stranded (19x27) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

Number of Conductors	12
Total Number of Conductors	12
AWG	14
Stranding	19x27
Conductor Diameter	.071 in.
Conductor Material	TC - Tinned Copper

**INSULATION:**

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.045 in.
Insulation Diameter	.160 in.
Insulation Resistance	500 Mega Ohms / 1000 ft. @ 500 V DC

**OVERALL CABLING:**

Overall Cabling Lay Length	9.11 in.
Overall Cabling Twists/ft.	1.3

Overall Cabling Color Code Chart :

Number	Color	Number	Color
1	Black	8	White/Black
2	White	9	Red/Black
3	Red	10	Green/Black
4	Green	11	Orange/Black
5	Orange	12	Blue/Black
6	Blue	13	Black/White

**OUTER SHIELD:**

Outer Shield Material	Unshielded
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**OUTER JACKET:**

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Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.065 in.

### OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.824 in.
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### MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +80°C
Bulk Cable Weight	418.7 lbs/1000 ft.
Max. Recommended Pulling Tension	570 lbs.
Min. Bend Radius (Install)	8 in.

### APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

#### APPLICABLE STANDARDS:

EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005

#### FLAME TEST:

UL Flame Test	UL1685 UL Loading, VW-1
CSA Flame Test	FT1

#### PLENUM/NON-PLENUM:

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

Nom. Capacitance Conductor to Conductor @ 1 KHz	18 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	2.8 Ohms/1000 ft
Max. Operating Voltage - Non-UL	600 V RMS
Max. Recommended Current	6.5 Amps per conductor @ 25°C

#### PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8629 060100	12 #14 PVC PVC	100	45	CHROME	C
8629 0601000	12 #14 PVC PVC	1000	458	CHROME	C
8629 060500	12 #14 PVC PVC	500	224	CHROME	C

C = CRATE REEL PUT-UP.

Revision Number: 1      Revision Date: 10-06-2005

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