



**9773 Paired - Audio, Control 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. 3 for Paired Cables (Belden Standard).pdf</b></p>
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**Description:**

18 AWG stranded (19x30) TC conductors, polypropylene insulation, twisted pairs, individually shielded w/Beldfoil® (100% coverage), 20 AWG stranded TC drain wire, PVC jacket.

**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

Number of Pairs	3
Total Number of Conductors	6
AWG	18
Stranding	19x30
Conductor Material	TC - Tinned Copper

**INSULATION:**

Insulation Material	PP - Polypropylene
Lay Length	1.75 in.

**Pair Color Code Chart :**

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

**INNER SHIELD:**

Inner Shield Material Trade Name	Beldfoil® (Z-Fold®)
Inner Shield Type	Tape
Inner Shield Material	Aluminum Foil-Polyester Tape
Inner Shield % Coverage	100 %
Inner Shield Drain Wire AWG	20
Inner Shield Drain Wire Stranding	Stranded
Inner Shield Drain Wire Conductor Material	TC - Tinned Copper

**OUTER JACKET:**

Outer Jacket Material	PVC - Polyvinyl Chloride
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**OVERALL NOMINAL DIAMETER:**

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Overall Nominal Diameter	.404 in.
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### MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +80°C
UL Temperature Rating	80°C (UL AWM Style 2919)
Bulk Cable Weight	83 lbs/1000 ft.
Max. Recommended Pulling Tension	177 lbs.
Min. Bend Radius (Install)	3.75 in.

### APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

#### APPLICABLE STANDARDS:

NEC/(UL) Specification	CM
CEC/C(UL) Specification	CM
AWM Specification	UL Style 2919 (30 V 80°C)
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004

#### FLAME TEST:

UL Flame Test	UL1685 UL Loading
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#### PLENUM/NON-PLENUM:

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

Nom. Characteristic Impedance	50 Ohms
Nom. Inductance	.18 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	30 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	55 pF/ft
Nominal Velocity of Propagation	66 %
Nom. Conductor DC Resistance @ 20 Deg. C	6.4 Ohms/1000 ft
Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C	8.3 Ohms/1000 ft
Max. Operating Voltage - UL	30 V RMS (UL AWM Style 2919), 300 V RMS (CM)
Max. Recommended Current	3.64 Amps per conductor @ 25°C

#### PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9773 060100	3 FS PR #18 PP PVC	100	9.4	CHROME	
9773 0601000	3 FS PR #18 PP PVC	1000	93	CHROME	C
9773 060500	3 FS PR #18 PP PVC	500	45.5	CHROME	C

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C = CRATE REEL PUT-UP.

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