

## 8720 Paired - Single-Pair Cable

		<p style="text-align: center;"><b>For more information please call</b> <b>1-800-Belden1</b></p> <p style="text-align: center;"><u>See Put-ups and Colors</u></p>
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**Description:**

14 AWG stranded (19x27) TC conductors, polyethylene insulation, twisted pair, overall Beldfoil® shield (100% coverage), 16 AWG stranded TC drain wire, PVC jacket.

**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

Number of Pairs	1
Total Number of Conductors	2
AWG	14
Stranding	19x27
Conductor Material	TC - Tinned Copper

**INSULATION:**

Insulation Material	PE - Polyethylene
Nom. Insulation Wall Thickness	.032 in.
Lay Length	2.0 in.
Twists/ft.	6

Pair Color Code Chart :

Number	Color
1	Black & Clear

**OUTER SHIELD:**

Outer Shield Material Trade Name	Beldfoil® (Z-Fold®)
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield % Coverage	100 %

**OUTER SHIELD DRAIN WIRE :**

Outer Shield Drain Wire AWG	16
Outer Shield Drain Wire Stranding	Stranded
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

**OUTER JACKET:**

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.035 in.

**OVERALL NOMINAL DIAMETER:**

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Overall Nominal Diameter	.355 in.
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### MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +80°C
UL Temperature Rating	80°C (UL AWM Style 20253)
Bulk Cable Weight	61.5 lbs/1000 ft.
Max. Recommended Pulling Tension	160 lbs.
Min. Bend Radius (Install)	3.4 in.

### APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

#### APPLICABLE STANDARDS:

NEC/(UL) Specification	CL2
AWM Specification	UL Style 20253 (600 V 80°C)
CSA Specification	II A
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	58 Ohms
Nom. Inductance	.2 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	24 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	47 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	2.9 Ohms/1000 ft
Max. Operating Voltage - UL	600 V RMS (UL AWM Style 20253); 300 V RMS (CSA)
Max. Recommended Current	9.5 Amps per conductor @ 25°C

#### PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8720 0601000	2 #14 PE FS PVC	1000	71	CHROME	C
8720 0602000	2 #14 PE FS PVC	2000	138	CHROME	C
8720 060500	2 #14 PE FS PVC	500	35	CHROME	C
8720 060U500	2 #14 PE FS PVC	U500	34	CHROME	

C = CRATE REEL PUT-UP.

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