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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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**Part Number: 8720**

Single-Pair, (1 pr) 14 AWG (19x27) TC, PE/PVC, Foil Shld

[Request Sample](#)

## Product Description

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

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Pairs
14	19x27	TC - Tinned Copper	1

Conductor Count:	2
Total Number of Pairs:	1
Conductor Size:	14 AWG

#### Insulation

Material	Nominal Wall Thickness
PE - Polyethylene	0.032 in

#### Color Chart

Number	Color
1	Black & Clear

#### Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum/Polyester	Beldfoil® (Z-Fold®)	100 %	TC - Tinned Copper	16	Stranded mm

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.355 in	0.035 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
2.9 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
24 pF/ft	47 pF/ft

Shielding:	Foil(s) or Copper Tape(s)
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#### Inductance

Nominal Inductance
0.2 µH/ft

#### Impedance

Nominal Characteristic Impedance
58 Ohm

## Current

### Max. Recommended Current [A]

9.5 Amps per conductor @ 25°C

## Voltage

Non-UL Voltage Rating	UL Description	UL Voltage Rating
300 V RMS	UL AWM Style 20253	600 V RMS
	CSA	300 V RMS

## Temperature Range

UL Temp Rating:	80°C (UL AWM Style 20253)
Operating Temp Range:	-20°C To +80°C

## Mechanical Characteristics

Bulk Cable Weight:	64 lbs/1000ft
Max Recommended Pulling Tension:	160 lbs
Min Bend Radius/Minor Axis:	3.75 in

## Standards

NEC Articles:	800
NEC/(UL) Specification:	CL2
CEC/C(UL) Specification:	AWM II A
UL AWM Style:	UL Style 20253 (600 V 80°C)
CPR Euroclass:	Eca

## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1685 UL Loading
CSA Flammability:	FT1
UL voltage rating:	600 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

Item #	Color	Footnote
8720.00305	Chrome	
8720 0601000	Chrome	C
8720 0602000	Chrome	C
8720 060500	Chrome	C
8720 0605000	Chrome	C
8720 060U500	Chrome	

Footnote:	C - CRATE REEL PUT-UP.
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