



Part Number: 8720
Single-Pair, (1 pr) 14 AWG (19x27) TC, PE/PVC, Foil Shld

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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