



**Part Number: 8719**

Single-Pair, (1 pr) 16 AWG (19x29) TC, PE/PVC, Foil Shld, CM

[Request Sample](#)

## Product Description

One 16 AWG pair stranded (19x29) 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
16	19x29	TC - Tinned Copper	1
Conductor Count:		2	
Total Number of Pairs:		1	
Conductor Size:		16 AWG	

Insulation	
Material	Nominal Wall Thickness
PE - Polyethylene	0.0315 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®	100 %	TC - Tinned Copper	18	Stranded mm

Outer Jacket Material		
Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.313 in	0.032 in

### Construction and Dimensions

Stranding	
Lay Direction	Twists
Left Hand	4.4 twist/ft

### Electrical Characteristics

Conductor DCR
Nominal Conductor DCR
4.5 Ohm/1000ft

Capacitance	
Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
23 pF/ft	44 pF/ft
Shielding: Foil(s) or Copper Tape(s)	

Inductance
Nominal Inductance
0.2 µH/ft

## Impedance

Nominal Characteristic Impedance
65 Ohm

## Current

Element	Max. Recommended Current [A]
10C Temperature Rise	7 Amps per conductor @ 25°C Ambient

## Voltage

UL Description	UL Voltage Rating
UL AWM Style 20253	600 V RMS
UL type CM	300 V RMS
UL type CL2	150 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:	44 lbs/1000ft
Max Recommended Pulling Tension:	102 lbs
Min Bend Radius/Minor Axis:	3.25 in

## Standards

NEC Articles:	800, 725
NEC/(UL) Specification:	CL2, CM
CEC/C(UL) Specification:	CM
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):	2001-01-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Indoor:	Yes
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## 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
8719.00U152	Chrome	
8719.01152	Chrome	
8719.011525	Chrome	

8719.01305	Chrome	
8719 0601000	Chrome	C
8719 06010000	Chrome	C Y
8719 0602000	Chrome	C
8719 060500	Chrome	C
8719 0605000	Chrome	C
8719 060U1000	Chrome	
8719 060U500	Chrome	

Footnote:	C - CRATE REEL PUT-UP.
Footnote:	Y - FINAL PUT-UP LENGTH MAY VAR -10% TO +20% FROM LENGTH SHOWN. MAY CONTAIN 2 PIECES. MINIMUM LENGTH OF ANY ONE PIECE IS 1500'.

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