

## 8719 Multi-Conductor - Single-Pair Cable

For more Information  
please call

1-800-Belden1



### Description:

16 AWG stranded (19x29) TC conductors, polyethylene insulation, twisted pair, overall Beldfoil® shield (100% coverage), 18 AWG stranded TC drain wire, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Pairs	AWG	Stranding	Conductor Material
1	16	19x29	TC - Tinned Copper

Total Number of Conductors: 2

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (in.)
PE - Polyethylene	.032

#### Outer Shield

##### Outer Shield Material:

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

##### Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
18	Stranded	TC - Tinned Copper

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.032

#### Overall Cable

Overall Nominal Diameter: 0.313 in.

#### Pair

##### Pair Color Code Chart:

Number	Color
1	Black & Clear

### Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +80°C

UL Temperature Rating: 80°C (UL AWM Style 20253)

Bulk Cable Weight: 44 lbs/1000 ft.

Max. Recommended Pulling Tension: 102 lbs.

Min. Bend Radius/Minor Axis: 3.250 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CL2, CM

CEC/C(UL) Specification:	CM
AWM Specification:	UL Style 20253 (600 V 80°C)
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

### Flame Test

UL Flame Test:	UL1685 UL Loading
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### Plenum/Non-Plenum

Plenum (Y/N):	No
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## Electrical Characteristics (Overall)

#### Nom. Characteristic Impedance:

Impedance (Ohm)
65

#### Nom. Inductance:

Inductance (µH/ft)
.2

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
23

#### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
44

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
4.5

#### Max. Operating Voltage - UL:

Voltage	Description
600 V RMS	UL AWM Style 20253
150 V RMS	

#### Max. Recommended Current:

Current
7 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8719 060U1000	1,000 FT	46.000 LB	CHROME		2 #16 LDPE FS PVC
8719 060U500	500 FT	24.000 LB	CHROME		2 #16 LDPE FS PVC
8719 0601000	1,000 FT	49.000 LB	CHROME	C	2 #16 LDPE FS PVC
8719 06010000	10,000 FT	430.000 LB	CHROME	C Y	2 #16 LDPE FS PVC
8719 0602000	2,000 FT	96.000 LB	CHROME	C	2 #16 LDPE FS PVC
8719 060500	500 FT	25.500 LB	CHROME	C	2 #16 LDPE FS PVC
8719 0605000	5,000 FT	245.000 LB	CHROME	C	2 #16 LDPE FS PVC

#### Notes:

C = CRATE REEL PUT-UP.

Y = FINAL PUT-UP LENGTH MAY VARY -10% TO +20% FROM LENGTH SHOWN.MAY CONTAIN 2 PIECES. MINIMUM LENGTH OF ANY ONE PIECE IS 1500'.

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