



8719 Paired - Single-Pair Cable

	 <p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p>
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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:

CONDUCTOR:

Number of Pairs	1
Total Number of Conductors	2
AWG	16
Stranding	19x29
Conductor Material	TC - Tinned Copper

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

INSULATION:

Insulation Material	PE - Polyethylene
Nom. Insulation Wall Thickness	.032 in.
Lay Length	1.5 in.
Twists/ft.	8

Pair Color Code Chart :

Number	Color
1	Black & Clear

OUTER SHIELD:

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

OUTER SHIELD DRAIN WIRE :

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

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
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Outer Jacket Nominal Wall Thickness .032 in.

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter .313 in.

MECHANICAL CHARACTERISTICS:

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

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

Bulk Cable Weight 50 lbs/1000 ft.

Max. Recommended Pulling Tension 102 lbs.

Min. Bend Radius (Install) 3 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification CM, CL2

CEC/C(UL) Specification CM

AWM Specification UL Style 20253 (600 V 80°C)

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

PLENUM/NON-PLENUM:

Plenum (Y/N) N

ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance 65 Ohms

Nom. Inductance .2 µH/ft

Nom. Capacitance Conductor to Conductor @ 1 KHz 23 pF/ft

Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz 44 pF/ft

Nom. Conductor DC Resistance @ 20 Deg. C 4.5 Ohms/1000 ft

Max. Operating Voltage - UL 600 V RMS (UL AWM Style 20253); 150 V RMS

Max. Recommended Current 7 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8719 0601000	2 #16 LDPE FS PVC	1000	49	CHROME	C
8719 06010000	2 #16 LDPE FS PVC	10000	430	CHROME	C Y
8719 0602000	2 #16 LDPE FS PVC	2000	100	CHROME	C

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8719 060500	2 #16 LDPE FS PVC	500	25.5	CHROME	C
8719 0605000	2 #16 LDPE FS PVC	5000	245	CHROME	C
8719 060U1000	2 #16 LDPE FS PVC	U1000	46	CHROME	
8719 060U500	2 #16 LDPE FS PVC	U500	24	CHROME	

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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