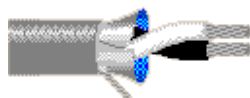


8719 Multi-Conductor - Single-Pair Cable



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
1.000	16	19x29	TC - Tinned Copper

Insulation:

Insulation Material

Ins Material	Wall Thickness (in.)
PE - Polyethylene	0.032

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	0.032

Overall Cabling:

Overall Nominal Diameter: .313 in.

Pair:

Pair Color Code Chart

Number	Color
1	Black & Clear

Pair Lay Length & Direction

Lay Length (in.)	Twists/ft. (twist/ft)
2.750	4.400

Mechanical Characteristics (Overall):

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)/Minor Axis:	3 in.

Applicable Specifications and Agency Compliance (Overall):

Applicable Standards:

8719 Multi-Conductor - Single-Pair Cable

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 (Overall):

Nom. Characteristic Impedance

Impedance (Ohm)
65.000

Nom. Inductance

Inductance (μH/ft)
0.200

Nom. Capacitance Conductor to Conductor

Capacitance (pF/ft)
23.000

Nom. Capacitance Cond. to Other Conductor & Shield

Capacitance (pF/ft)
44.000

Nom. Conductor DC Resistance

DCR @ 20°C (Ohm/1000 ft)
4.500

Max. Operating Voltage - UL

Voltage
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
8718 060U500	500 FT	47.500 LB	CHROME		2 #12 PE SHLD PVC CHR
8719 0601000	1,000 FT	49.000 LB	CHROME	C	2 #16 LDPE FS PVC CHR
8719 06010000	10,000 FT	430.000 LB	CHROME	C Y	2 #16 LDPE FS PVC CHR
8719 0602000	2,000 FT	100.000 LB	CHROME	C	2 #16 LDPE FS PVC CHR
8719 060500	500 FT	25.500 LB	CHROME	C	2 #16 LDPE FS PVC CHR
8719 0605000	5,000 FT	245.000 LB	CHROME	C	2 #16 LDPE FS PVC CHR
8719 060U1000	1,000 FT	46.000 LB	CHROME		2 #16 LDPE FS PVC CHR
8719 060U500	500 FT	24.000 LB	CHROME		2 #16 LDPE FS PVC CHR

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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