

For more Information  
please call

1-800-Belden1



### General 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

Pair Lay Length & Direction:

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

### 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

NEC Articles: 800, 725

CEC/(UL) Specification: CM

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

EU Directive 2011/65/EU (ROHS II): Yes

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
CSA Flame Test:	FT1

**Suitability**

Suitability - Indoor:	Yes
-----------------------	-----

**Plenum/Non-Plenum**

Plenum (Y/N):	No
---------------	----

**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
300 V RMS	UL type CM
150 V RMS	UL type CL2

**Max. Recommended Current:**

Description	Current
10C Temperature Rise	7 Amps per conductor @ 25°C Ambient

**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'.

Revision Number: 3    Revision Date: 08-02-2013

© 2016 Belden, Inc  
 All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability. Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein. All sales of Belden products are subject to Belden's standard terms and conditions of sale.

## 8719 Multi-Conductor - Single-Pair Cable

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [belden manufacturer](#):*

Other Similar products are found below :

[HIPWP4LA](#) [HIPWP2LA](#) [49905A 060S2](#) [49907A 060S2](#) [8916-GRN/YEL-500](#) [8916-YEL-500](#) [8918-GRY-1000](#) [8919-DK-BLU-100](#) [8920-008-1000](#) [8920-BRN-1000](#) [8920-GRY-1000](#) [5T00UP 008500](#) [7810A-BLK-500](#) [7860NBH](#) [7934A-BLK-1000](#) [7937A-BLK-1000](#) [8019-1008080](#) [8108-060-1000](#) [8125-CHR-100](#) [8132-CHR-1000](#) [8133-CHR-1000](#) [8155-CHR-1000](#) [8162-060-1000](#) [8162-CHR-1000](#) [8164-CHR-1008164-CHR-1000](#) [8185-CHR-100](#) [8205-CHR-1000](#) [8221-BLK-1000](#) [8233-010-1000](#) [8233-BLK-1000](#) [8237-BLK-500](#) [8238-BLK-500](#) [8241-006-U1000](#) [8241A-BLK-1000](#) [8241F-RED-MATTE-1000](#) [8263-BLK-U1000](#) [8279-BLK-1000](#) [8281-003-1000](#) [8281 010500](#) [83000 00210083002 0101000](#) [83003-006-500](#) [83003-VIO-500](#) [83004-RED-100](#) [83008 0091000](#) [83008-WHT-1000](#) [83010-BRN-100](#) [83010-RED-100](#)