

## 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 |

**Insulation****Insulation Material:**

| Insulation Material | Wall Thickness (mm) |
|---------------------|---------------------|
| PE - Polyethylene   | 0.8128              |

**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 (mm) |
|--------------------------|--------------------------|
| PVC - Polyvinyl Chloride | 0.8128                   |

**Overall Cabling**

Overall Nominal Diameter: 7.950 mm

**Pair****Pair Color Code Chart:**

| Number | Color         |
|--------|---------------|
| 1      | Black & Clear |

**Pair Lay Length & Direction:**

| Lay Length (mm) | Twists/ft. (twist/m) |
|-----------------|----------------------|
| 69.849725       | 14.436               |

**Mechanical Characteristics (Overall)**

|                                        |                           |
|----------------------------------------|---------------------------|
| Operating Temperature Range:           | -20°C To +80°C            |
| UL Temperature Rating:                 | 80°C (UL AWM Style 20253) |
| Bulk Cable Weight:                     | 65.481 Kg/Km              |
| Max. Recommended Pulling Tension:      | 453.716 N                 |
| Min. Bend Radius (Install)/Minor Axis: | 76.200 mm                 |

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

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 &amp; Cable): Yes

MII Order #39 (China RoHS): Yes

### Flame Test

UL Flame Test: UL1685 UL Loading

### Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

### Nom. Characteristic Impedance:

Impedance (Ohm)

65

### Nom. Inductance:

Inductance (µH/m)

0.6562

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

75.463

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

Capacitance (pF/m)

144.364

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

14.7645

### 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

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

| Item #        | Putup    | Ship Weight | Color  | Notes | Item Desc         |
|---------------|----------|-------------|--------|-------|-------------------|
| 8719 060U1000 | 305 MT   | 20.865 KG   | CHROME |       | 2 #16 LDPE FS PVC |
| 8719 060U500  | 152 MT   | 10.886 KG   | CHROME |       | 2 #16 LDPE FS PVC |
| 8719 0601000  | 305 MT   | 22.226 KG   | CHROME | C     | 2 #16 LDPE FS PVC |
| 8719 06010000 | 3,048 MT | 195.046 KG  | CHROME | C Y   | 2 #16 LDPE FS PVC |

## METRIC MEASUREMENT VERSION

## 8719 Multi-Conductor - Single-Pair Cable

|              |          |            |        |   |                   |
|--------------|----------|------------|--------|---|-------------------|
| 8719 0602000 | 610 MT   | 43.545 KG  | CHROME | C | 2 #16 LDPE FS PVC |
| 8719 060500  | 152 MT   | 11.567 KG  | CHROME | C | 2 #16 LDPE FS PVC |
| 8719 0605000 | 1,524 MT | 111.131 KG | 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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#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.