



**Part Number: 8719**

Electronic, 2 C #16 Str TC, PO Ins, OS, PVC Jkt, CM

[Request Sample](#)

**Product Description**

Electronic, 2 Conductor 16AWG (19x29) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, CM

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

| AWG | Stranding | Material           | No. of Pairs |
|-----|-----------|--------------------|--------------|
| 16  | 19x29     | TC - Tinned Copper | 1            |

|                        |        |
|------------------------|--------|
| Conductor Count:       | 2      |
| Total Number of Pairs: | 1      |
| Conductor Size:        | 16 AWG |

**Insulation**

| Material          | Nominal Wall Thickness |
|-------------------|------------------------|
| PE - Polyethylene | 0.0315 in              |

**Color Chart**

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

**Outer Shield Material**

| Type | Material           | Material Trade Name | Coverage [%] | Drainwire Material | Drainwire AWG | Drainwire Construction n x D |
|------|--------------------|---------------------|--------------|--------------------|---------------|------------------------------|
| Tape | Aluminum/Polyester | Beldfoil®           | 100 %        | TC - Tinned Copper | 18            | Stranded mm                  |

**Outer Jacket Material**

| Material                 | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.313 in         | 0.032 in               |

**Construction and Dimensions**

**Stranding**

| Lay Direction | Twists       |
|---------------|--------------|
| Left Hand     | 4.4 twist/ft |

**Electrical Characteristics**

**Conductor DCR**

| Nominal Conductor DCR |
|-----------------------|
| 4.5 Ohm/1000ft        |

**Capacitance**

| Nom. Capacitance Conductor to Conductor | Nom. Capacitance Conductor to Other Conductor to Shield |
|-----------------------------------------|---------------------------------------------------------|
| 23 pF/ft                                | 44 pF/ft                                                |

**Inductance**

| Nominal Inductance |
|--------------------|
| 0.2 µH/ft          |

#### Impedance

| Nominal Characteristic Impedance |
|----------------------------------|
| 65 Ohm                           |

#### Current

| Element              | Max. Recommended Current [A]        |
|----------------------|-------------------------------------|
| 10C Temperature Rise | 7 Amps per conductor @ 25°C Ambient |

#### Voltage

| UL Description     | UL Voltage Rating |
|--------------------|-------------------|
| UL AWM Style 20253 | 600 V RMS         |
| UL type CM         | 300 V RMS         |
| UL type CL2        | 150 V RMS         |

#### Temperature Range

|                       |                           |
|-----------------------|---------------------------|
| UL Temp Rating:       | 80°C (UL AWM Style 20253) |
| Operating Temp Range: | -20°C To +80°C            |

#### Mechanical Characteristics

|                                  |               |
|----------------------------------|---------------|
| Bulk Cable Weight:               | 44 lbs/1000ft |
| Max Recommended Pulling Tension: | 102 lbs       |
| Min Bend Radius/Minor Axis:      | 3.25 in       |

#### Standards

|                          |                             |
|--------------------------|-----------------------------|
| NEC Articles:            | 800, 725                    |
| NEC/(UL) Specification:  | CL2, CM                     |
| CEC/C(UL) Specification: | CM                          |
| UL AWM Style:            | UL Style 20253 (600 V 80°C) |
| CPR Euroclass:           | Eca                         |

#### Applicable Environmental and Other Programs

|                                       |                               |
|---------------------------------------|-------------------------------|
| EU Directive 2000/53/EC (ELV):        | Yes                           |
| EU Directive 2003/96/EC (BFR):        | Yes                           |
| EU Directive 2011/65/EU (ROHS II):    | Yes                           |
| EU Directive 2012/19/EU (WEEE):       | Yes                           |
| EU Directive 2015/863/EU:             | Yes                           |
| EU Directive Compliance:              | EU Directive 2003/11/EC (BFR) |
| EU CE Mark:                           | Yes                           |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2001-01-01                    |
| CA Prop 65 (CJ for Wire & Cable):     | Yes                           |
| MII Order #39 (China RoHS):           | Yes                           |

#### Suitability

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

#### Flammability, LSOH, Toxicity Testing

|                    |                   |
|--------------------|-------------------|
| UL Flammability:   | UL1685 UL Loading |
| CSA Flammability:  | FT1               |
| UL voltage rating: | 600 V RMS         |

#### Plenum/Non-Plenum

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

#### Part Number

#### Variants

| Item #      | Color  | Footnote |
|-------------|--------|----------|
| 8719.00U152 | Chrome |          |

|               |        |     |
|---------------|--------|-----|
| 8719.01152    | Chrome |     |
| 8719.011525   | Chrome |     |
| 8719.01305    | Chrome |     |
| 8719 0601000  | Chrome | C   |
| 8719 06010000 | Chrome | C Y |
| 8719 0602000  | Chrome | C   |
| 8719 060500   | Chrome | C   |
| 8719 0605000  | Chrome | C   |
| 8719 060U1000 | Chrome |     |
| 8719 060U500  | Chrome |     |

|           |                                                                                                                                 |
|-----------|---------------------------------------------------------------------------------------------------------------------------------|
| Footnote: | C - CRATE REEL PUT-UP.                                                                                                          |
| Footnote: | Y - FINAL PUT-UP LENGTH MAY VAR -10% TO +20% FROM LENGTH SHOWN. MAY CONTAIN 2 PIECES. MINIMUM LENGTH OF ANY ONE PIECE IS 1500'. |

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