



Product: [8719](#)

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

[Request Sample](#)

Product Description

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

Technical Specifications

Product Overview

| | |
|------------------------|---------------------------------------------------------------------------------------------------------------|
| Suitable Applications: | up to 600V analog signals ; up to 600V digital control ; line level audio; voice communications; panel wiring |
|------------------------|---------------------------------------------------------------------------------------------------------------|

Construction Details

Conductor

| Element | Number of Element | Size | Stranding | Material |
|---------|-------------------|--------|-----------|--------------------|
| Pair(s) | 1 | 16 AWG | 19x29 | TC - Tinned Copper |

Insulation

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|---------|-------------------|--------------------|--------------------------|---------------|
| Pair(s) | PE - Polyethylene | 0.032 in (0.81 mm) | 0.122 in (3.10 mm) | Black & Clear |

Outer Shield

| Shield Type | Material | Coverage | Drainwire Type |
|-------------|-------------------------|----------|-------------------|
| Tape | Bi-Laminate (Alum+Poly) | 100% | 18 AWG (16x30) TC |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter |
|--------------------------|--------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.032 in (0.81 mm) | 0.313 in (7.95 mm) |

| | |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.313 in (7.95 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

Electricals

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Nom. Characteristic Impedence | Max. Current |
|--------------|--------------------|-------------------------------|-------------------------------------------------|-------------------------------|-------------------------------|
| Conductor(s) | 4.52 Ohm/1000ft | 23 pF/ft (75 pF/m) | 44 pF/ft (140 pF/m) | 65 Ohm | 18 Amps per Conductor at 30°C |

Voltage

| UL Voltage Rating |
|----------------------------------|
| 600 V (CM), 600 V (UL AWM 20253) |

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|----------------|
| 80°C | -20°C to +80°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 3.1 in (79 mm) | 3.1 in (79 mm) |

| | |
|--------------------|-------------------|
| Max. Pull Tension: | 101 lbs (45.8 kg) |
| Bulk Cable Weight: | 44 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Environmental Suitability: | Indoor |
| Sustainability: | CA Prop 65 |
| Flammability / Reaction to Fire: | UL 1685 UL loading , FT1, IEC 60332-1-2 |
| CPR Compliance: | CPR Euroclass: Eca |
| NEC / UL Compliance: | Article 725, Article 800, CL2, CM |
| AWM Compliance: | AWM 20253 |
| CEC / C(UL) Compliance: | CM |
| European Directive Compliance: | EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |

History

| | |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.488 Revision Date: 06-30-2022 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC/EAN |
|---------------|--------|------------|-----------|---------------|
| 8719.00U152 | Chrome | UnReel | 152 m | 8719605018397 |
| 8719.01152 | Chrome | Reel | 152 m | 8719605018403 |
| 8719.01305 | Chrome | Reel | 305 m | 8719605018427 |
| 8719 060500 | Chrome | Reel | 500 ft | 612825214281 |
| 8719 060U500 | Chrome | UnReel | 500 ft | 612825214243 |
| 8719.01610 | Chrome | Reel | 610 m | 8719605018441 |
| 8719 0601000 | Chrome | Reel | 1,000 ft | 612825214250 |
| 8719 060U1000 | Chrome | UnReel | 1,000 ft | 612825214236 |
| 8719.011525 | Chrome | Reel | 1,525 m | 8719605018410 |
| 8719 0602000 | Chrome | Reel | 2,000 ft | 612825214274 |
| 8719.013050 | Chrome | Reel | 3,050 m | 8719605018434 |
| 8719 0605000 | Chrome | Reel | 5,000 ft | 612825214298 |
| 8719 06010000 | Chrome | Reel | 10,000 ft | 612825214267 |

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