



Product: [9572](#)

Electronic, 2 C #16 Sol BC, PVC Ins, Red PVC Jkt, FPLR

Request Sample

Product Description

Electronic, 2 Conductor 16AWG (Solid) Bare Copper, PVC Insulation, Red PVC Outer Jacket, FPLR

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Suitable Applications: | fire alarms; indoor applications; low voltage analog signals (4-20ma, 0-10v, ...); low voltage control (24v, ...) |
|------------------------|---|

Construction Details

Conductor

| Element | Number of Element | Size | Stranding | Material |
|--------------|-------------------|------|-----------|------------------|
| Conductor(s) | 2 | 16 | Solid | BC - Bare Copper |

Insulation

| Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|--------------------------|--------------------|--------------------------|------------|
| PVC - Polyvinyl Chloride | 0.016 in (0.41 mm) | 0.048 in (1.2 mm) | Black, Red |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter |
|--------------------------|--------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.036 in (0.91 mm) | 0.238 in (6.05 mm) |

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current |
|--------------------|-------------------------------|-------------------------------|
| 4.2 Ohm/1000ft | 28 pF/ft (92 pF/m) | 11 Amps per Conductor at 25°C |

Voltage

| UL Voltage Rating |
|-------------------|
| 300 V |

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|-----------------|
| 105°C | -40°C To +105°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-------------------|-------------------|
| 1.90 in (48.3 mm) | 1.90 in (48.3 mm) |

| | |
|--------------------|----------------|
| Max. Pull Tension: | 80 lbs (36 kg) |
| Bulk Cable Weight: | 32 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------|-----------------|
| Environmental Suitability: | Indoor, Outdoor |
|----------------------------|-----------------|

| | |
|----------------------------------|--|
| Flammability / Reaction to Fire: | UL1666 Riser, FT4, IEC 60332-1-2 |
| CPR Compliance: | CPR Euroclass: Eca |
| NEC / UL Compliance: | Article 760, Article 800, CMR, FPLR |
| AWM Compliance: | AWM 2464 |
| CEC / C(UL) Compliance: | FAS105 |
| European Directive Compliance: | EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |
| Other Standard Compliance(s): | California State Fire Marshall |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.438 Revision Date: 11-09-2022 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC/EAN |
|---------------|-------|------------|---------|---------------|
| 9572 002U1000 | Red | | | 612825256106 |
| 9572 002U500 | Red | | | 612825256113 |
| 9572.00305 | Red | Reel | 305 m | 8719605022226 |
| 9572.00U305 | Red | Flat Box | 305 m | 8719605022233 |
| 9572.001000 | Red | Reel | 1,000 m | 8719605022219 |

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