



**Product:** [9721](#)

Electronic, 8 C #16 Str TC, PVC Ins, PVC Jkt

[Request Sample](#)

**Product Description**

Electronic, 8 Conductor 16AWG (19x29) Tinned Copper, PVC Insulation, PVC Outer Jacket

**Technical Specifications**

**Product Overview**

|                        |                                                                                             |
|------------------------|---------------------------------------------------------------------------------------------|
| Suitable Applications: | Analog Signals & Control (up to 600V); Line Level Audio; Voice Communications; Panel Wiring |
|------------------------|---------------------------------------------------------------------------------------------|

**Construction Details**

**Conductor**

| Element      | Number of Element | Size   | Stranding | Material           |
|--------------|-------------------|--------|-----------|--------------------|
| Conductor(s) | 8                 | 16 AWG | 19x29     | TC - Tinned Copper |

**Insulation**

| Element      | Material                 | Nom. Thickness     | Nom. Insulation Diameter | Color Code                                                                   |
|--------------|--------------------------|--------------------|--------------------------|------------------------------------------------------------------------------|
| Conductor(s) | PVC - Polyvinyl Chloride | 0.031 in (0.79 mm) | 0.121 in (3.07 mm)       | Black, White, Red, Green, Orange, Blue, White/Black Stripe, Red/Black Stripe |

**Outer Jacket**

| Material                 | Nom. Thickness    | Nom. Diameter      |
|--------------------------|-------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.045 in (1.1 mm) | 0.490 in (12.4 mm) |

|                                   |                    |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.490 in (12.4 mm) |
|-----------------------------------|--------------------|

**Electrical Characteristics**

**Electricals**

| Element      | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current                 |
|--------------|--------------------|-------------------------------|------------------------------|
| Conductor(s) | 4.4 Ohm/1000ft     | 19.5 pF/ft (64.0 pF/m)        | 5 Amps per Conductor at 25°C |

**Voltage**

| Voltage Rating |
|----------------|
| 600 V          |

**Mechanical Characteristics**

**Temperature**

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

**Bend Radius**

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 4.9 in (120 mm) | 4.9 in (120 mm)   |

|                    |                  |
|--------------------|------------------|
| Max. Pull Tension: | 243 lbs (110 kg) |
| Bulk Cable Weight: | 146 lbs/1000ft   |

**Standards and Compliance**

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Environmental Suitability:       | Indoor (Not Riser or Plenum), Indoor                                                                                      |
| Sustainability:                  | CA Prop 65                                                                                                                |
| Flammability / Reaction to Fire: | UL 1581 (VW-1), IEC 60332-1-2, VW-1                                                                                       |
| CPR Compliance:                  | CPR Euroclass: Eca                                                                                                        |
| 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) |
| UK Regulation Compliance:        | UKCA Mark                                                                                                                 |
| APAC Compliance:                 | China RoHS II (GB/T 26572-2011)                                                                                           |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.510 Revision Date: 01-20-2023 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #       | Color  | UPC          |
|--------------|--------|--------------|
| 9721 060100  | Chrome | 612825257370 |
| 9721 0601000 | Chrome | 612825257387 |
| 9721 060500  | Chrome | 612825257394 |

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