



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

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

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**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
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**Construction Details**

**Conductor**

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

**Insulation**

Element	Material	Nom. Thickness	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.031 in (0.79 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 (14 Ohm/km)	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
Bulk Cable Weight:	146 lbs/1000ft (217 kg/km)

**Standards and Compliance**

Environmental Suitability:	Indoor (Not Riser or Plenum)
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL 1581 (VW-1), FT1, IEC 60332-1-2
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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## History

Update and Revision:	Revision Number: 0.356 Revision Date: 12-15-2021
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## Variants

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

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