



Product: [8624](#)

Electronic, 19 C #16 Str TC, PVC Ins, PVC Jkt

Request Sample

### Product Description

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

### Technical Specifications

#### Product Overview

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

#### Construction Details

##### Conductor

| Element      | Number of Element | Size   | Stranding | Material           |
|--------------|-------------------|--------|-----------|--------------------|
| Conductor(s) | 19                | 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, Green/Black Stripe, Orange/Black Stripe, Blue/Black Stripe, Black/White Stripe, Red/White Stripe, Green/White Stripe, Blue/White Stripe, Black/Red Stripe, White/Red Stripe, Orange/Red Stripe, Blue/Red Stripe |

##### Outer Jacket

| Material                          | Nom. Thickness     | Nom. Diameter      |
|-----------------------------------|--------------------|--------------------|
| PVC - Polyvinyl Chloride          | 0.065 in (1.7 mm)  | 0.740 in (18.8 mm) |
| Overall Cable Diameter (Nominal): | 0.740 in (18.8 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)        | 3.5 Amps per Conductor at 25°C |

##### Voltage

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

#### Mechanical Characteristics

##### Temperature

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

|                    |                            |
|--------------------|----------------------------|
| Max. Pull Tension: | 577 lbs (262 kg)           |
| Bulk Cable Weight: | 336 lbs/1000ft (500 kg/km) |

#### Standards and Compliance

|                                  |   |
|----------------------------------|---|
| Flammability / Reaction to Fire: | UL 1581 (VW-1), IEC 60332-1-2   |
| 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: 0.333 Revision Date: 05-05-2023

## Part Numbers

### Variants

| Item #       | Color  | Putup Type | Length   | UPC          |
|--------------|--------|------------|----------|--------------|
| 8624 060500  | Chrome | Reel       | 500 ft   | 612825213659 |
| 8624 0601000 | Chrome | Reel       | 1,000 ft | 612825213642 |

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