



**Product:** [9157](#)

Electronic, 4 Pr #18 Str TC, PVC Ins, PVC Jkt, CMG

[Request Sample](#)

## Product Description

Electronic, 4 Pair 18AWG (16x30) Tinned Copper, PVC Insulation, PVC Outer Jacket, CMG

## Technical Specifications

### Product Overview

|                        |   |
|------------------------|---|
| Suitable Applications: | low voltage analog signals (4-20ma, 0-10v, ...); low voltage digital control (24v, ...); line level audio; computer communication; panel wiring |
|------------------------|---|

### Construction Details

#### Conductor

| Element | Number of Element | Size   | Stranding | Material           |
|---------|-------------------|--------|-----------|--------------------|
| Pair(s) | 4                 | 18 AWG | 16x30     | TC - Tinned Copper |

#### Insulation

| Element | Material                 | Nom. Thickness     | Nom. Insulation Diameter | Color Code  |
|---------|--------------------------|--------------------|--------------------------|---|
| Pair(s) | PVC - Polyvinyl Chloride | 0.013 in (0.33 mm) | 0.073 in (1.9 mm)        | Black & Red, Black & White, Black & Green, Black & Blue |

#### Outer Jacket

| Material                 | Nom. Thickness     | Nom. Diameter      | Ripcord |
|--------------------------|--------------------|--------------------|---------|
| PVC - Polyvinyl Chloride | 0.032 in (0.81 mm) | 0.381 in (9.68 mm) | Yes     |

Overall Cable Diameter (Nominal): 0.381 in (9.68 mm)

### Electrical Characteristics

#### Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current                 |
|--------------------|-------------------------------|------------------------------|
| 7.2 Ohm/1000ft     | 25.5 pF/ft (83.7 pF/m)        | 4 Amps per Conductor at 25°C |

#### Voltage

| UL Voltage Rating                |
|----------------------------------|
| 300 V (CMG), 300 V (UL AWM 2464) |

### Mechanical Characteristics

#### Temperature

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

#### Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 3.8 in (97 mm)  | 3.8 in (97 mm)    |

|                    |                   |
|--------------------|-------------------|
| Max. Pull Tension: | 166 lbs (75.3 kg) |
| Bulk Cable Weight: | 76 lbs/1000ft     |

### Standards and Compliance

|                                  |  |
|----------------------------------|--|
| Environmental Suitability:       | Indoor   |
| Flammability / Reaction to Fire: | UL 1685 FT4 Loading, FT4   |
| CPR Compliance:                  | CPR Euroclass: Eca   |
| NEC / UL Compliance:             | Article 800, CMG   |
| AWM Compliance:                  | AWM 2464   |
| CEC / C(UL) Compliance:          | CMG  |
| European Directive Compliance:   | EU CE Mark, 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: 0.512 Revision Date: 01-20-2023 |
|----------------------|--|

## Part Numbers

### Variants

| Item #       | Color  | Putup Type | Length   | UPC          |
|--------------|--------|------------|----------|--------------|
| 9157 060100  | Chrome | Reel       | 100 ft   | 612825224938 |
| 9157 060500  | Chrome | Reel       | 500 ft   | 612825224952 |
| 9157 0601000 | Chrome | Reel       | 1,000 ft | 612825224945 |

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