



Product: [9626](#)

Electronic, 25 C #18 Str TC, PVC Ins, PVC Jkt, CMG

[Request Sample](#)

### Product Description

Electronic, 25 Conductor 18AWG (19x30) Tinned Copper, PVC Insulation, PVC Outer Jacket, CMG

### Technical Specifications

#### Product Overview

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

#### Construction Details

##### Conductor

| Element      | Number of Element | Size   | Stranding | Material           |
|--------------|-------------------|--------|-----------|--------------------|
| Conductor(s) | 25                | 18 AWG | 19x30     | TC - Tinned Copper |

##### Insulation

| Element      | Material                 | Nom. Thickness     | Nom. Insulation Diameter | Color Code   |
|--------------|--------------------------|--------------------|--------------------------|--|
| Conductor(s) | PVC - Polyvinyl Chloride | 0.018 in (0.46 mm) | 0.080 in (2.0 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, Red/Green Stripe, Orange/Green Stripe, Black/White/Red Stripes, White/Black/Red Stripes, Red/Black/White Stripes, Green/Black/White Stripes |

##### Outer Jacket

| Material                 | Nom. Thickness    | Nom. Diameter      |
|--------------------------|-------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.060 in (1.5 mm) | 0.612 in (15.5 mm) |

|                                   |                    |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.612 in (15.5 mm) |
|-----------------------------------|--------------------|

#### Electrical Characteristics

##### Electricals

| Element      | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current                   |
|--------------|--------------------|-------------------------------|--------------------------------|
| Conductor(s) | 6.3 Ohm/1000ft     | 26 pF/ft (85 pF/m)            | 2.5 Amps per Conductor at 25°C |

##### Voltage

| UL Voltage Rating                |
|----------------------------------|
| 300 V (CMG), 300 V (UL AWM 2598) |

#### Mechanical Characteristics

##### Temperature

| UL Temperature | Operating      | Installation             |
|----------------|----------------|--------------------------|
| 60°C           | -20°C to +60°C | 60°C (UL AWM Style 2598) |

##### Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 6.1 in (150 mm) | 6.1 in (150 mm)   |

|                    |                  |
|--------------------|------------------|
| Max. Pull Tension: | 618 lbs (280 kg) |
|--------------------|------------------|

|                    |                |
|--------------------|----------------|
| Bulk Cable Weight: | 244 lbs/1000ft |
|--------------------|----------------|

## Standards and Compliance

|                                  |   |
|----------------------------------|---|
| Environmental Suitability:       | Indoor (Not Riser or Plenum), Indoor  |
| Sustainability:                  | CA Prop 65  |
| Flammability / Reaction to Fire: | UL 1685 FT4 Loading, FT4, IEC 60332-1-2   |
| NEC / UL Compliance:             | Article 800, CMG  |
| AWM Compliance:                  | AWM 2092  |
| CEC / C(UL) Compliance:          | CMG   |
| 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: 0.417 Revision Date: 01-20-2023 |
|----------------------|--|

## Part Numbers

### Variants

| Item #       | Color  | UPC          |
|--------------|--------|--------------|
| 9626 060100  | Chrome | 612825256809 |
| 9626 0601000 | Chrome | 612825256816 |
| 9626 060500  | Chrome | 612825256830 |
| 9626 0605000 | Chrome | 612825256847 |

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