



**Product:** [8467](#) 

Electronic, 7 C #18 Str TC, PVC Ins, PVC Jkt, CMG

 [Request Sample](#)

## Product Description

Electronic, 7 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      | No. of Elements | Size   | Stranding | Material           |
|--------------|-----------------|--------|-----------|--------------------|
| Conductor(s) | 7               | 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, Brown, Blue, Orange |

#### Outer Jacket

| Material                 | Nom. Thickness     | Nom. Diameter      |
|--------------------------|--------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.037 in (0.94 mm) | 0.309 in (7.85 mm) |

Overall Cable Diameter (Nominal): 0.309 in (7.85 mm)

### Electrical Characteristics

#### Electricals

| Element      | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current                   |
|--------------|--------------------|-------------------------------|--------------------------------|
| Conductor(s) | 7.13 Ohm/1000ft    | 26 pF/ft (85 pF/m)            | 9.8 Amps per Conductor at 30°C |

#### Voltage

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

### Mechanical Characteristics

#### Temperature

| UL Temperature | Operating      |
|----------------|----------------|
| 60°C           | -20°C to +60°C |

#### Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 3.1 in (79 mm)  | 3.1 in (79 mm)    |

Max. Pull Tension: 173 lbs (78.5 kg)

Bulk Cable Weight: 69 lbs/1000ft

### Standards and Compliance

|                            |        |
|----------------------------|--------|
| Environmental Suitability: | Indoor |
|----------------------------|--------|

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Flammability / Reaction to Fire: | UL 1685 FT4 Loading, FT4, IEC 60332-1-2                                                                                   |
| CPR Compliance:                  | CPR Euroclass: Eca                                                                                                        |
| NEC / UL Compliance:             | Article 800, CMG                                                                                                          |
| AWM Compliance:                  | AWM 2598                                                                                                                  |
| 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) |
| UK Regulation Compliance:        | UKCA Mark                                                                                                                 |
| APAC Compliance:                 | China RoHS II (GB/T 26572-2011)                                                                                           |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.510 Revision Date: 09-07-2025 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #        | Color  | Putup Type | Length    | UPC          | Footnote |
|---------------|--------|------------|-----------|--------------|----------|
| 8467 060100   | Chrome | Reel       | 100 ft    | 612825208341 |          |
| 8467 060250   | Chrome | Reel       | 250 ft    | 612825208372 | C        |
| 8467 060500   | Chrome | Reel       | 500 ft    | 612825208389 | C        |
| 8467 0601000  | Chrome | Reel       | 1,000 ft  | 612825208358 | C        |
| 8467 0605000  | Chrome | Reel       | 5,000 ft  | 612825208396 |          |
| 8467 06010000 | Chrome | Reel       | 10,000 ft | 612825208365 |          |

|           |                        |
|-----------|------------------------|
| Footnote: | C - CRATE REEL PUT-UP. |
|-----------|------------------------|

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