



**Product:** [8628](#)

Electronic, 7 C #14 Str TC, PVC Ins, PVC Jkt

[Request Sample](#)

**Product Description**  
Electronic, 7 Conductor 14AWG (19x27) 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**

| Element      | No. of Elements | Size   | Stranding | Material           |
|--------------|-----------------|--------|-----------|--------------------|
| Conductor(s) | 7               | 14 AWG | 19x27     | TC - Tinned Copper |

| Element      | Material                 | Nom. Thickness    | Color Code                                                 |
|--------------|--------------------------|-------------------|------------------------------------------------------------|
| Conductor(s) | PVC - Polyvinyl Chloride | 0.045 in (1.1 mm) | Black, White, Red, Green, Orange, Blue, White/Black Stripe |

| Material                                             | Nom. Thickness    | Nom. Diameter      |
|------------------------------------------------------|-------------------|--------------------|
| PVC - Polyvinyl Chloride                             | 0.060 in (1.5 mm) | 0.623 in (15.8 mm) |
| Overall Cable Diameter (Nominal): 0.623 in (15.8 mm) |                   |                    |

**Electrical Characteristics**

| Element      | Nom. Conductor DCR          | Nom. Capacitance Cond-to-Cond | Max. Current                   |
|--------------|-----------------------------|-------------------------------|--------------------------------|
| Conductor(s) | 2.8 Ohm/1000ft (9.2 Ohm/km) | 18 pF/ft (59 pF/m)            | 6.5 Amps per Conductor at 25°C |

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

**Mechanical Characteristics**

| Temperature        |                            |
|--------------------|----------------------------|
| Operating          |                            |
| -20°C To +80°C     |                            |
| Max. Pull Tension: | 332 lbs (151 kg)           |
| Bulk Cable Weight: | 239 lbs/1000ft (356 kg/km) |

**Standards and Compliance**

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| Flammability / Reaction to Fire: | UL 1581 (VW-1)                                                               |
| European Directive Compliance:   | EU CE Mark, 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: 0.359 Revision Date: 05-05-2023 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #       | Color  | Putup Type | Length   | UPC          | Footnote |
|--------------|--------|------------|----------|--------------|----------|
| 8628 060100  | Chrome | Reel       | 100 ft   | 612825213703 | C        |
| 8628 060500  | Chrome | Reel       | 500 ft   | 612825213727 | C        |
| 8628 0601000 | Chrome | Reel       | 1,000 ft | 612825213710 | C        |

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