



Product: [9751](#)

Electronic, 6 Pr #20 Str TC, PVC Ins, PVC Jkt, CMG

[Request Sample](#)

Product Description

Electronic, 6 Pair 20AWG (7x28) 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 | No. of Elements | Size | Stranding | Material           |
|---------|-----------------|------|-----------|--------------------|
| Pair(s) | 6               | 20   | 7x28      | TC - Tinned Copper |

Insulation

| Material                 | Nom. Thickness     | Nom. Insulation Diameter | Color Code                                                                             |
|--------------------------|--------------------|--------------------------|----------------------------------------------------------------------------------------|
| PVC - Polyvinyl Chloride | 0.015 in (0.38 mm) | 0.065 in (1.7 mm)        | Black & Red, Black & White, Black & Green, Black & Blue, Black & Yellow, Black & Brown |

Outer Shield

| Drainwire Type   |
|------------------|
| 20 AWG (7x28) TC |

Outer Jacket

| Material                 | Nom. Thickness     | Nom. Diameter      |
|--------------------------|--------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.035 in (0.89 mm) | 0.366 in (9.30 mm) |

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current                   |
|--------------------|-------------------------------|--------------------------------|
| 11.3 Ohm/1000ft    | 24.5 pF/ft (80.4 pF/m)        | 2.6 Amps per Conductor at 20°C |

Voltage

| UL Voltage Rating |
|-------------------|
| 300 V             |

Mechanical Characteristics

Temperature

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

Bend Radius

| Stationary Min.   | Installation Min. |
|-------------------|-------------------|
| 3.66 in (93.0 mm) | 3.66 in (93.0 mm) |

|                    |                      |
|--------------------|----------------------|
| Max. Pull Tension: | 163.8 lbs (74.30 kg) |
| Bulk Cable Weight: | 81 lbs/1000ft        |

Standards and Compliance

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| Environmental Suitability:       | Indoor                                                                       |
| Flammability / Reaction to Fire: | UL1685 FT4 Loading, FT4                                                      |
| 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) |
| APAC Compliance:                 | China RoHS II (GB/T 26572-2011)                                              |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.491 Revision Date: 02-03-2025 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #       | Color  | UPC          | Footnote |
|--------------|--------|--------------|----------|
| 9751 060100  | Chrome | 612825258186 |          |
| 9751 0601000 | Chrome | 612825258193 | C        |

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