



**Product:** [9750](#)

Electronic, 3 Pr #20 Str TC, PVC Ins, PVC Jkt, CMG

[Request Sample](#)

**Product Description**

Electronic, 3 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**

| Element | No. of Elements | Size | Stranding | Material           |
|---------|-----------------|------|-----------|--------------------|
| Pair(s) | 3               | 20   | 7x28      | TC - Tinned Copper |

| Material                 | Nom. Thickness     | Nom. Insulation Diameter | Color Code                                |
|--------------------------|--------------------|--------------------------|-------------------------------------------|
| PVC - Polyvinyl Chloride | 0.014 in (0.36 mm) | 0.065 in (1.7 mm)        | Black & Red, Black & White, Black & Green |

| Material                 | Nom. Thickness     | Nom. Diameter |
|--------------------------|--------------------|---------------|
| PVC - Polyvinyl Chloride | 0.035 in (0.89 mm) | 0.299 in      |

**Electrical Characteristics**

| 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 |

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

**Mechanical Characteristics**

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

| Stationary Min.   | Installation Min. |
|-------------------|-------------------|
| 2.99 in (75.9 mm) | 2.99 in           |

|                    |                    |
|--------------------|--------------------|
| Max. Pull Tension: | 75.6 lbs (34.3 kg) |
| Bulk Cable Weight: | 46 lbs/1000ft      |

**Standards and Compliance**

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

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| Flammability / Reaction to Fire: | UL1685 FT4 Loading, FT4, IEC 60332-1-2                                       |
| 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: 0.387 Revision Date: 02-03-2025 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #       | Color  | UPC          | Footnote |
|--------------|--------|--------------|----------|
| 9750 0601000 | Chrome | 612825258162 | C        |
| 9750 060500  | Chrome | 612825258179 | C        |

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