



Product: [8748](#)

Electronic, 9 Pr #22 Str TC, PVC Ins, PVC Jkt, CMG

[Request Sample](#)

Product Description

Electronic, 9 Pair 22AWG (7x30) 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) | 9 | 22 AWG | 7x30 | TC - Tinned Copper |

Insulation

| Element | Material | Nom. Thickness | Color Code |
|---------|--------------------------|--------------------|--|
| Pair(s) | PVC - Polyvinyl Chloride | 0.011 in (0.28 mm) | Black & Red, Black & White, Black & Green, Black & Blue, Black & Yellow, Black & Brown, Black & Orange, Red & White, Red & Green |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter |
|--------------------------|--------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.037 in (0.94 mm) | 0.389 in (9.88 mm) |

| | |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.389 in (9.88 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

Electricals

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current |
|---------|-------------------------------|-------------------------------|--------------------------------|
| Pair(s) | 14.7 Ohm/1000ft (48.2 Ohm/km) | 25.5 pF/ft (83.7 pF/m) | 1.4 Amps per Conductor at 20°C |

Voltage

| UL Voltage Rating |
|----------------------------------|
| 300 V (CMG), 150 V (UL AWM 2576) |

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|--------------------|----------------|
| 80°C (UL AWM 2576) | -20°C to +80°C |

| | |
|--------------------|---------------------------|
| Bulk Cable Weight: | 77 lbs/1000ft (110 kg/km) |
|--------------------|---------------------------|

Standards and Compliance

| | |
|----------------------------------|-----------------------------------|
| Flammability / Reaction to Fire: | UL1685 FT4 Loading, IEC 60332-1-2 |
| CPR Compliance: | CPR Euroclass: Eca |
| NEC / UL Compliance: | Article 800, CMG |
| AWM Compliance: | AMW 2576 |

| | |
|--------------------------------|--|
| 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: 0.363 Revision Date: 02-03-2025 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC | Footnote |
|--------------|--------|------------|----------|--------------|----------|
| 8748 060100 | Chrome | Reel | 100 ft | 612825214991 | |
| 8748 0601000 | Chrome | Reel | 1,000 ft | 612825215004 | C |

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