



Product: [8744](#)

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

[Request Sample](#)

Product Description

Electronic, 9 Pair 22AWG (Solid) Tinned Copper, PVC Insulation, PVC Outer Jacket, CMG

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Suitable Applications: | telephone cables; low voltage analog signals (4-20ma, 0-10v, ...); low voltage control (24v, ...); voice communications |
|------------------------|---|

Construction Details

Conductor

| Element | Number of Element | AWG | Stranding | Material |
|---------|-------------------|-----|-----------|--------------------|
| Pair(s) | 9 | 22 | Solid | TC - Tinned Copper |

Insulation

| Element | Material | Thickness | Color Code |
|---------|--------------------------|-----------|--|
| Pair(s) | PVC - Polyvinyl Chloride | 0.010 in | Black & Red, Black & White, Black & Green, Black & Blue, Black & Yellow, Black & Brown, Black & Orange, Red & White, Red & Green |

Outer Jacket Material

| Material | Thickness | Nom. Diameter |
|--------------------------|-----------|---------------|
| PVC - Polyvinyl Chloride | 0.035 in | 0.350 in |

| | |
|---------------------------|----------|
| Cable Diameter (Nominal): | 0.350 in |
|---------------------------|----------|

Electrical Characteristics

Electricals

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current |
|---------|--------------------|-------------------------------|--------------------------------|
| Pair(s) | 16.5 Ohm/1000ft | 30 pF/ft | 1.4 Amps per Conductor at 20°C |

Voltage

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

Mechanical Characteristics

Temperature

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

Bend Radius

| Stationary Min. |
|-----------------|
| 3.5 in |

| | |
|--------------------|---------------|
| Max. Pull Tension: | 140 lbs |
| Bulk Cable Weight: | 71 lbs/1000ft |

Standards and Compliance

| | |
|---------------------------------|---|
| Flammability / Fire Resistance: | UL1685 FT4 Loading, FT4 |
| NEC / UL Compliance: | Article 800, CMG |
| AWM Compliance: | 2576 |
| CEC / C(UL) Compliance: | CMG |
| European Directive Compliance: | EU CE Mark, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |

History

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| Update and Revision: | Revision Number: 0.336 Revision Date: 02-16-2021 |
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