



Product: [9430](#)

Electronic, 7 C #22 Str TC, PVC Ins, PVC Jkt, CMG

[Request Sample](#)

Product Description

Electronic, 7 Conductor 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 control (24v, ...); line level audio; voice communications; panel wiring |
|------------------------|---|

Construction Details

Conductor

| Element | Number of Element | AWG | Stranding | Material |
|--------------|-------------------|-----|-----------|--------------------|
| Conductor(s) | 7 | 22 | 7x30 | TC - Tinned Copper |

Insulation

| Element | Material | Thickness | Color Code |
|--------------|--------------------------|-----------|---|
| Conductor(s) | PVC - Polyvinyl Chloride | 0.011 in | Black, White, Red, Green, Brown, Blue, Orange |

Outer Jacket Material

| Material | Thickness | Nom. Diameter |
|--------------------------|-----------|---------------|
| PVC - Polyvinyl Chloride | 0.032 in | 0.214 in |

| | |
|---------------------------|----------|
| Cable Diameter (Nominal): | 0.214 in |
|---------------------------|----------|

Electrical Characteristics

Electricals

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current |
|--------------|--------------------|-------------------------------|--------------------------------|
| Conductor(s) | 15.6 Ohm/1000ft | 34 pF/ft | 2.1 Amps per Conductor at 25°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. | Installation Min. |
|-----------------|-------------------|
| 2.25 in | 2.1 in |

| | |
|--------------------|---------------|
| Max. Pull Tension: | 64 lbs |
| Bulk Cable Weight: | 30 lbs/1000ft |

Standards and Compliance

| | |
|---------------------------------|---|
| Environmental Suitability: | Indoor |
| Flammability / Fire Resistance: | UL1685 FT4 Loading, FT4, IEC 60332-1-2 |
| NEC / UL Compliance: | Article 800, CMG |
| AWM Compliance: | 2576 |
| CEC / C(UL) Compliance: | CMG, FT4 |
| CPR Euroclass: | Eca |
| European Directive Compliance: | EU CE Mark, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE) |

History

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| Update and Revision: | Revision Number: 0.343 Revision Date: 02-16-2021 |
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