



Product: [9423](#) 

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

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Product Description

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

Insulation

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

Outer Jacket Material

| Material                 | Thickness | Diameter |
|--------------------------|-----------|----------|
| PVC - Polyvinyl Chloride | 0.032 in  | 0.244 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. |
|-----------------|
| 2.5 in          |

|                    |               |
|--------------------|---------------|
| Max. Pull Tension: | 80 lbs        |
| Bulk Cable Weight: | 39 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, FT4                                                                     |
| CEC / C(UL) Compliance:         | CMG                                                                           |
| CPR Euroclass:                  | Eca                                                                           |
| 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

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.310 Revision Date: 06-09-2020 |
|----------------------|--------------------------------------------------|

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