



Product: [9432](#)

Electronic, 30 C #22 Str TC, PVC Ins, PVC Jkt, CMG

 Request Sample

Product Description

Electronic, 30 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) | 30                | 22  | 7x30      | TC - Tinned Copper |

Insulation

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

Outer Jacket Material

| Material                 | Thickness | Diameter |
|--------------------------|-----------|----------|
| PVC - Polyvinyl Chloride | 0.040 in  | 0.400 in |

Electrical Characteristics

Electricals

| Element      | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current                   |
|--------------|--------------------|-------------------------------|--------------------------------|
| Conductor(s) | 15.6 Ohm/1000ft    | 34 pF/ft                      | 1.5 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.    | 4 in           |
|--------------------|----------------|
| Max. Pull Tension: | 270 lbs        |
| Bulk Cable Weight: | 115 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                                                                           |
| 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: 0.308 Revision Date: 06-09-2020 |
|----------------------|--------------------------------------------------|

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