



Product: [8444](#)

Electronic, 4 C #22 Str TC, PVC Ins, PVC Jkt, CMG

Request Sample

Product Description

Electronic, 4 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) | 4                 | 22  | 7x30      | TC - Tinned Copper |

Insulation

| Element      | Material                 | Thickness [in.] | Color Code               |
|--------------|--------------------------|-----------------|--------------------------|
| Conductor(s) | PVC - Polyvinyl Chloride | 0.011           | Black, White, Red, Green |

Outer Jacket Material

| Material                 | Thickness | Nom. Diameter |
|--------------------------|-----------|---------------|
| PVC - Polyvinyl Chloride | 0.032 in  | 0.185 in      |

|                           |          |
|---------------------------|----------|
| Cable Diameter (Nominal): | 0.185 in |
|---------------------------|----------|

Electrical Characteristics

Electricals

| Element      | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current                   |
|--------------|--------------------|-------------------------------|--------------------------------|
| Conductor(s) | 15.6 Ohm/1000ft    | 34 pF/ft                      | 2.4 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 in            | 1.9 in            |

|                    |               |
|--------------------|---------------|
| Max. Pull Tension: | 36 lbs        |
| Bulk Cable Weight: | 19 lbs/1000ft |

Standards and Compliance

|                                 |                                                                                                         |
|---------------------------------|---------------------------------------------------------------------------------------------------------|
| Environmental Suitability:      | Indoor                                                                                                  |
| Flammability / Fire Resistance: | UL1685 FT4 Loading, FT4, 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 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance:                | China RoHS II (GB/T 26572-2011)                                                                         |
| Plenum Number:                  | 88444, 82444                                                                                            |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.333 Revision Date: 07-28-2020 |
|----------------------|--------------------------------------------------|

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