



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 | Size   | Stranding | Material           |
|--------------|-------------------|--------|-----------|--------------------|
| Conductor(s) | 4                 | 22 AWG | 7x30      | TC - Tinned Copper |

##### Insulation

| Element      | Material                 | Nom. Thickness     | Nom. Insulation Diameter | Color Code               |
|--------------|--------------------------|--------------------|--------------------------|--------------------------|
| Conductor(s) | PVC - Polyvinyl Chloride | 0.011 in (0.28 mm) | 0.050 in (1.3 mm)        | Black, White, Red, Green |

##### Outer Jacket

| Material                 | Nom. Thickness     | Nom. Diameter      |
|--------------------------|--------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.032 in (0.81 mm) | 0.185 in (4.70 mm) |

|                                   |                    |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.185 in (4.70 mm) |
|-----------------------------------|--------------------|

#### Electrical Characteristics

##### Electricals

| Element      | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current                   |
|--------------|--------------------|-------------------------------|--------------------------------|
| Conductor(s) | 17.8 Ohm/1000ft    | 34 pF/ft (110 pF/m)           | 2.4 Amps per Conductor at 25°C |

##### Voltage

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

#### Mechanical Characteristics

##### Temperature

| UL Temperature | Operating      |
|----------------|----------------|
| 80°C           | -20°C to +80°C |

##### Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 1.9 in (48 mm)  | 1.9 in (48 mm)    |

|                    |                |
|--------------------|----------------|
| Max. Pull Tension: | 36 lbs (16 kg) |
| Bulk Cable Weight: | 19 lbs/1000ft  |

#### Standards and Compliance

|                                  |   |
|----------------------------------|---|
| Environmental Suitability:       | Indoor  |
| Flammability / Reaction to Fire: | UL 1685 FT4 Loading, FT4, IEC 60332-1-2   |
| CPR Compliance:                  | CPR Euroclass: Eca; CPR UKCA Class: Eca   |
| NEC / UL Compliance:             | Article 800, CMG  |
| AWM Compliance:                  | AWM 2576  |
| CEC / C(UL) Compliance:          | CMG   |
| European Directive Compliance:   | EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| UK Regulation Compliance:        | UKCA Mark   |
| APAC Compliance:                 | China RoHS II (GB/T 26572-2011)   |
| Plenum Number:                   | 88444, 82444  |

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.514 Revision Date: 01-20-2023 |
|----------------------|--|

## Part Numbers

### Variants

| Item #        | Color  | Putup Type | Length   | UPC          |
|---------------|--------|------------|----------|--------------|
| 8444 060100   | Chrome | Reel       | 100 ft   | 612825207405 |
| 8444 060500   | Chrome | Reel       | 500 ft   | 612825207429 |
| 8444 060U500  | Chrome | UnReel     | 500 ft   | 612825207399 |
| 8444 0601000  | Chrome | Reel       | 1,000 ft | 612825207412 |
| 8444 060U1000 | Chrome | UnReel     | 1,000 ft | 612825207382 |
| 8444 0605000  | Chrome | Reel       | 5,000 ft | 612825207436 |

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