



**Product:** [8205](#)

Electronic, 2 C #20 Str TC, PVC Ins, PVC Jkt, CMG

[Request Sample](#)

## Product Description

Electronic, 2 Conductor 20AWG (7x28) Tinned Copper, PVC Insulation, PVC Outer Jacket, CMG

## Technical Specifications

### Product Overview

|                        |   |
|------------------------|---|
| Suitable Applications: | low voltage analog signals (4-20ma, 0-10v, ...); low voltage digital control (24v, ...); line level audio; computer communication; panel wiring |
|------------------------|---|

### Construction Details

#### Conductor

| Element | Number of Element | AWG | Stranding | Material           |
|---------|-------------------|-----|-----------|--------------------|
| Pair(s) | 1                 | 20  | 7x28      | TC - Tinned Copper |

#### Insulation

| Element | Material                 | Thickness | Color Code  |
|---------|--------------------------|-----------|-------------|
| Pair(s) | PVC - Polyvinyl Chloride | 0.015 in  | Black & Red |

#### Outer Jacket Material

| Material                 | Thickness | Nom. Diameter |
|--------------------------|-----------|---------------|
| PVC - Polyvinyl Chloride | 0.025 in  | 0.180 in      |

|                           |          |
|---------------------------|----------|
| Cable Diameter (Nominal): | 0.180 in |
|---------------------------|----------|

### Electrical Characteristics

#### Electricals

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current                   |
|---------|--------------------|-------------------------------|--------------------------------|
| Pair(s) | 10 Ohm/1000ft      | 24.5 pF/ft                    | 3.7 Amps per Conductor at 20°C |

#### Voltage

| UL Voltage Rating |
|-------------------|
| 300 V (CMG)       |

### Mechanical Characteristics

#### Temperature

| UL Rating      | Operating      |
|----------------|----------------|
| -20°C to +60°C | -20°C to +60°C |

#### Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 2 in            | 1.8 in            |

|                    |               |
|--------------------|---------------|
| Max. Pull Tension: | 28 lbs        |
| Bulk Cable Weight: | 16 lbs/1000ft |

### Standards and Compliance

|                                 |   |
|---------------------------------|---|
| Environmental Suitability:      | Indoor  |
| Sustainability:                 | CA Prop 65  |
| Flammability / Fire Resistance: | UL1685 FT4 Loading, FT4, IEC 60332-1-2  |
| NEC / UL Compliance:            | Article 800, CMG  |
| 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)   |

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.340 Revision Date: 09-30-2020 |
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