



**Part Number:** 9423

Audio/Control/Instrumentation, (9) 22 AWG (7x30) TC, PVC/PVC, CMG

## Product Description

Nine 22 AWG stranded (7x30) tinned copper conductors, PVC insulation, PVC jacket.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

| AWG | Stranding | Material           | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 22  | 7x30      | TC - Tinned Copper | 9                 |

|                  |   |
|------------------|---|
| Conductor Count: | 9 |
|------------------|---|

#### Insulation

| Material                 | Nominal Wall Thickness |
|--------------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.011 in               |

#### Color Chart

| Color  |
|--------|
| Black  |
| White  |
| Red    |
| Green  |
| Brown  |
| Blue   |
| Orange |
| Yellow |
| Purple |

#### Outer Shield Material

| Material   |
|------------|
| Unshielded |

#### Outer Jacket Material

| Material                 | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.244 in         | 0.032 in               |

### Electrical Characteristics

#### Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 15.6 Ohm/1000ft       |

#### Capacitance

| Nom. Capacitance Conductor to Conductor |
|-----------------------------------------|
| 34 pF/ft                                |

#### Inductance

| Nominal Inductance |
|--------------------|
| 0.17 µH/ft         |

Current

| Max. Recommended Current [A]    |
|---------------------------------|
| 2.1 Amps per conductor @ 25°C A |

Voltage

| UL Description    | UL Voltage Rating           |
|-------------------|-----------------------------|
| CMG               | 300V RMS CMG                |
| UL AWM Style 2576 | 150 V RMS UL AWM Style 2576 |

Temperature Range

|                       |                          |
|-----------------------|--------------------------|
| UL Temp Rating:       | 80°C (UL AWM Style 2576) |
| Operating Temp Range: | -20°C To +80°C           |

Mechanical Characteristics

|                                  |               |
|----------------------------------|---------------|
| Bulk Cable Weight:               | 39 lbs/1000ft |
| Max Recommended Pulling Tension: | 80 lbs        |
| Min Bend Radius/Minor Axis:      | 2.5 in        |

Standards

|                          |                           |
|--------------------------|---------------------------|
| NEC/(UL) Specification:  | CMG                       |
| CEC/C(UL) Specification: | CMG                       |
| UL AWM Style:            | UL Style 2576 (150V 80°C) |
| CSA AWM Specification:   | FT4                       |
| CPR Euroclass:           | Eca                       |

Applicable Environmental and Other Programs

|                                       |                               |
|---------------------------------------|-------------------------------|
| EU Directive 2000/53/EC (ELV):        | Yes                           |
| EU Directive 2003/96/EC (BFR):        | Yes                           |
| EU Directive 2011/65/EU (ROHS II):    | Yes                           |
| EU Directive 2012/19/EU (WEEE):       | Yes                           |
| EU Directive Compliance:              | EU Directive 2003/11/EC (BFR) |
| EU CE Mark:                           | Yes                           |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2005-04-01                    |
| CA Prop 65 (CJ for Wire & Cable):     | Yes                           |
| MII Order #39 (China RoHS):           | Yes                           |

Flammability, LS0H, Toxicity Testing

|                   |                    |
|-------------------|--------------------|
| UL Flammability:  | UL1685 FT4 Loading |
| CSA Flammability: | FT4                |

Part Number

|               |    |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Variants

| Item #       | Color  |
|--------------|--------|
| 9423 060100  | CHROME |
| 9423 0601000 | CHROME |
| 9423 060500  | CHROME |
| 9423 0605000 | CHROME |
| 9423 060U500 | CHROME |

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