


Product: [9430](#)

Electronic, 7 C #22 Str TC, PVC Ins, PVC Jkt, CMG

[Request Sample](#)
Product Description

Electronic, 7 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 | No. of Elements | Size | Stranding | Material |
|--------------|-----------------|--------|-----------|--------------------|
| Conductor(s) | 7 | 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, Brown, Blue, Orange |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter |
|--------------------------|--------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.032 in (0.81 mm) | 0.214 in (5.44 mm) |

Overall Cable Diameter (Nominal): 0.214 in (5.44 mm)

Electrical Characteristics
Electricals

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Inductance | Max. Current |
|--------------|--------------------|-------------------------------|----------------------------------|--------------------------------|
| Conductor(s) | 15.6 Ohm/1000ft | 34 pF/ft (110 pF/m) | 0.17 μ H/ft (0.56 μ H/m) | 2.1 Amps per Conductor at 25°C |

Voltage

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

Mechanical Characteristics
Temperature

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

Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 2.1 in (53 mm) | 2.1 in (53 mm) |

Max. Pull Tension: 64 lbs (29 kg)

Bulk Cable Weight: 30 lbs/1000ft

Standards and Compliance

| | |
|----------------------------|--------------------------------------|
| Environmental Suitability: | Indoor (Not Riser or Plenum), Indoor |
|----------------------------|--------------------------------------|

| | |
|----------------------------------|--|
| Flammability / Reaction to Fire: | UL 1685 FT4 Loading, FT4, IEC 60332-1-2 |
| CPR Compliance: | CPR Euroclass: Eca |
| NEC / UL Compliance: | Article 800, CMG |
| AWM Compliance: | AWM 2576 |
| CEC / C(UL) Compliance: | CMG |
| European Directive Compliance: | EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| UK Regulation Compliance: | UKCA Mark |

History

Update and Revision: Revision Number: 0.515 Revision Date: 09-07-2025

Part Numbers

Variants

| Item # | Color | UPC | Footnote |
|---------------|--------|--------------|----------|
| 9430 0601000 | Chrome | 612825245025 | C |
| 9430 0605000 | Chrome | 612825245032 | C |
| 9430 0605000 | Chrome | 612825399711 | |
| 9430 060U1000 | Chrome | 612825245001 | |
| 9430 060U500 | Chrome | 612825245018 | |

Footnote: C - CRATE REEL PUT-UP.

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