


**Product: [9421](#)**

Electronic, 8 C #22 Str TC, PVC Ins, PVC Jkt, CMG

[Request Sample](#)
**Product Description**

Electronic, 8 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
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**Construction Details**
**Conductor**

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	8	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, Yellow

**Outer Jacket**

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.229 in (5.82 mm)

Overall Cable Diameter (Nominal): 0.229 in (5.82 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 $\mu$ H/ft (0.56 $\mu$ 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.
2.3 in (58 mm)	2.3 in (58 mm)

Max. Pull Tension: 73 lbs (33 kg)

Bulk Cable Weight: 33 lbs/1000ft

**Standards and Compliance**

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

## History

Update and Revision: Revision Number: 0.513 Revision Date: 09-07-2025

## Part Numbers

### Variants

Item #	Color	UPC	Footnote
9421 060100	Chrome	612825244257	
9421 0601000	Chrome	612825244264	C
9421 060500	Chrome	612825244271	C
9421 0605000	Chrome	612825244288	
9421 060U1000	Chrome	612825244233	
9421 060U500	Chrome	612825244240	

Footnote: C - CRATE REEL PUT-UP.

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