



REPRESENTATIVE IMAGE

**Product:** [8740](#)

Electronic, 1 Pr #22 Sol TC, PVC Ins, PVC Jkt, CMG

[Request Sample](#)

## Product Description

Electronic, 1 Pair Conductor 22AWG (Solid) Tinned Copper, PVC Insulation, PVC Outer Jacket, CMG

## Technical Specifications

### Product Overview

Suitable Applications:	telephone cables; low voltage analog signals (4-20ma, 0-10v, ...); low voltage control (24v, ...); voice communications
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### Construction Details

#### Conductor

Element	Number of Element	Size	Stranding	Material
Pair(s)	1	22 AWG	Solid	TC - Tinned Copper

#### Insulation

Element	Material	Nom. Thickness	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.010 in (0.25 mm)	Black & Red

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.156 in (3.96 mm)

Overall Cable Diameter (Nominal): 0.156 in (3.96 mm)

### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Pair(s)	16.5 Ohm/1000ft (54.1 Ohm/km)	30 pF/ft (98 pF/m)	2.8 Amps per Conductor at 20°C

#### Voltage

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

### Mechanical Characteristics

#### Temperature

UL Temperature	Operating
80°C (UL AWM 2576)	-20°C to +80°C

#### Bend Radius

Stationary Min.	Installation Min.
1.6 in (41 mm)	1.6 in (41 mm)

Max. Pull Tension:	15 lbs (6.8 kg)
Bulk Cable Weight:	23 lbs/1000ft (34 kg/km)

### Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	AMW 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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## History

Update and Revision:	Revision Number: 0.326 Revision Date: 12-15-2021
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC
8740 060U500	Chrome	UnReel	500 ft	612825214861
8740 060U1000	Chrome	UnReel	1,000 ft	612825214854

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