



**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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### Physical Characteristics (Overall)

#### Conductor

Element	AWG	Stranding	Material	No. of Pairs
Pair(s)	22	Solid	TC - Tinned Copper	1

Conductor Count:	2
Total Number of Pairs:	1

#### Insulation

Element	Material	Nominal Wall Thickness
Pair(s)	PVC - Polyvinyl Chloride	0.010 in

#### Color Chart

Number	Color
1	Black & Red

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.156 in	0.032 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
16.5 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor
30 pF/ft

#### Current

Max. Recommended Current [A]
2.8 Amps per conductor @ 20°C

#### Voltage

UL Description	UL Voltage Rating
CMG	300 V
UL AWM 2576	150 V

## Temperature Range

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

## Mechanical Characteristics

Bulk Cable Weight:	12 lbs/1000ft
Max Recommended Pulling Tension:	15 lbs
Min Bend Radius/Minor Axis:	1.75 in

## Standards

NEC Articles:	800
NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
UL AWM Style:	2576
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
MII Order #39 (China RoHS):	Yes

## Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1685 FT4 Loading
CSA Flammability:	FT4
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V

## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

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

## History

Update and Revision:	Revision Number: 0.264 Revision Date: 05-27-2020
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