



**Product:** [8741](#) 

Electronic, 2 Pr #22 Sol TC, PVC Ins, PVC Jkt, CMG

 [Request Sample](#)

## Product Description

Electronic, 2 Pair 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	2

Conductor Count:	4
Total Number of Pairs:	2

#### Insulation

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

#### Color Chart

Number	Color
1	Black & Red
2	Black & White

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.230 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]
2.24 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:	23 lbs/1000ft
Max Recommended Pulling Tension:	30 lbs
Min Bend Radius/Minor Axis:	2.5 in

Standards

NEC Articles:	800
NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
UL AWM Style:	2576

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, LS0H, Toxicity Testing

UL Flammability:	UL1685 FT4 Loading
CSA Flammability:	FT4
UL voltage rating:	300 V

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	88741 or 82741 (Stranded conductors)

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
8741 060U500	Chrome	UnReel	500 ft	612825214885
8741 0601000	Chrome	Reel	1,000 ft	612825214892
8741 060U1000	Chrome	UnReel	1,000 ft	612825214878
8741 0605000	Chrome	Reel	5,000 ft	612825214908

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.298 Revision Date: 05-27-2020
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