



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

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

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## 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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### Construction Details

#### Conductor

Element	Number of Element	Size	Stranding	Material
Pair(s)	2	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, Black & White

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.230 in (5.84 mm)

Overall Cable Diameter (Nominal): 0.230 in (5.84 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)	2.24 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.
2.3 in (58 mm)	2.3 in (58 mm)

Max. Pull Tension:	30 lbs
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
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	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)
Plenum Number:	88741 or 82741 (Stranded conductors)

## History

Update and Revision:	Revision Number: 0.358 Revision Date: 12-15-2021
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## 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

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