



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	No. of Elements	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 (14 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, 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)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	88741 or 82741 (Stranded conductors)

History

Update and Revision:	Revision Number: 0.368 Revision Date: 12-22-2023
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Part Numbers

Variants

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

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