



Product: [8742](#)

Electronic, 3 Pr #22 Sol TC, PVC Ins, PVC Jkt, CMG

[Request Sample](#)

Product Description

Electronic, 3 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)	3	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, Black & Green

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.242 in (6.15 mm)

Overall Cable Diameter (Nominal):	0.242 in (6.15 mm)
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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)	1.96 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

Max. Pull Tension:	46 lbs (21 kg)
Bulk Cable Weight:	30 lbs/1000ft (45 kg/km)

Standards and Compliance

Flammability / Reaction to Fire:	UL1685 FT4 Loading
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:	82742 (Stranded conductors)

History

Update and Revision:	Revision Number: 0.325 Revision Date: 12-22-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
8742 0601000	Chrome	Reel	1,000 ft	612825214915	
8742 0605000	Chrome	Reel	5,000 ft	612825214922	C

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