



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	Number of Element	AWG	Stranding	Material
Pair(s)	3	22	Solid	TC - Tinned Copper

Insulation

Element	Material	Thickness [in.]	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.010	Black & Red, Black & White, Black & Green

Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in	0.242 in

Cable Diameter (Nominal): 0.242 in

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Pair(s)	16.5 Ohm/1000ft	30 pF/ft	1.96 Amps per Conductor at 20°C

Voltage

UL Voltage Rating
300 V (CMG), 150 V (UL AWM 2576)

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	2.5 in
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Max. Pull Tension:	46 lbs
Bulk Cable Weight:	30 lbs/1000ft

Standards and Compliance

Flammability / Fire Resistance:	UL1685 FT4 Loading, FT4
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 II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	82742 (Stranded conductors)

History

Update and Revision:	Revision Number: 0.292 Revision Date: 07-28-2020
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