



Product: [9160](#)

Electronic, 8 Pr #22 Sol TC, PVC Ins, PVC Jkt, CMG

[Request Sample](#)

Product Description

Electronic, 8 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)	8	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, Black & Blue, Black & Yellow, Black & Brown, Black & Orange, Red & White

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.035 in (0.89 mm)	0.323 in (8.20 mm)

Overall Cable Diameter (Nominal):	0.323 in (8.20 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)	1.4 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:	60 lbs (27 kg)
Bulk Cable Weight:	64 lbs/1000ft (95 kg/km)

Standards and Compliance

Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT6
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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.348 Revision Date: 04-08-2022
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
9160 0601000	Chrome	Reel	1,000 ft	612825224983

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