



Product: [9566](#)

Audio, Control & Instrument, #24-6pr, PVC, PVC Jkt, CMG

Product Description

Audio, Control & Instrument Cable, 24 AWG solid tinned copper conductors, PVC insulation, twisted pairs, PVC jacket.

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)	6	24	Solid	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PVC - Polyvinyl Chloride	0.01 in (0.25 mm)	0.041 in (1.0 mm)	White & Blue, White & Orange, White & Green, White & Brown, White & Gray, Red & Blue

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.289 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
32.8 Ohm/1000ft	22 pF/ft (72 pF/m)	1.4 Amps per Conductor at 20°C

Voltage

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

Mechanical Characteristics

Temperature

UL Temperature	Operating
80°C	-20°C To +80°C

Bend Radius

Stationary Min.	Installation Min.
2.89 in (73.4 mm)	2.89 in

Max. Pull Tension:	61 lbs (28 kg)
Bulk Cable Weight:	40 lbs/1000ft

Standards and Compliance

Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4, IEC 60332-1-2
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CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	AWM 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)

History

Update and Revision:	Revision Number: 0.330 Revision Date: 05-05-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9566 060500	Chrome	Reel	500 ft	612825256052	C
9566 060U500	Chrome	UnReel	500 ft	612825256038	
9566 0601000	Chrome	Reel	1,000 ft	612825256045	C
9566 060U1000	Chrome	UnReel	1,000 ft	612825256021	

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