



Product: [9585](#)

Audio, Control & Instrument, #24-25pr, 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	Number of Element	Size	Stranding	Material
Pair(s)	25	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, Red & Orange, Red & Green, Red & Brown, Red & Gray, Black & Blue, Black & Orange, Black & Green, Black & Brown, Black & Gray, Yellow & Blue, Yellow & Orange, Yellow & Green, Yellow & Brown, Yellow & Gray, Purple & Blue, Purple & Orange, Purple & Green, Purple & Brown, Purple & Gray

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.04 in (1.0 mm)	0.48 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 Amp 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.
4.8 in (120 mm)	4.8 in

Max. Pull Tension:	255 lbs (116 kg)
Bulk Cable Weight:	134 lbs/1000ft

Standards and Compliance

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

History

Update and Revision:	Revision Number: 0.321 Revision Date: 05-05-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
9585 060500	Chrome	Reel	500 ft	612825256274
9585 0601000	Chrome	Reel	1,000 ft	612825256267

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