



Product: [9562](#)

Audio, Control & Instrument, #24-2pr, 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)	2	24 AWG	Solid	TC - Tinned Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.01 in (0.25 mm)	0.041 in (1.0 mm)	White & Blue, White & Orange

##### Outer Shield

Material
No Shield

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.199 in

Overall Cable Diameter (Nominal):	0.199 in
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#### Electrical Characteristics

##### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
32.8 Ohm/1000ft	22 pF/ft (72 pF/m)	39.6 pF/ft (130 pF/m)	8.4 Amps per Conductor at 30°C

##### Voltage

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

#### Mechanical Characteristics

##### Temperature

UL Temperature	Operating
60°C	-20°C to +60°C

##### Bend Radius

Stationary Min.	Installation Min.
1.99 in (50.5 mm)	1.99 in

Max. Pull Tension:	20 lbs (9.1 kg)
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Bulk Cable Weight:	18 lbs/1000ft
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## Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor, Oil Resistance, Oil Resistance
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: 0.313 Revision Date: 12-22-2023
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9562 060500	Chrome	Reel	500 ft	612825255970	C
9562 060U500	Chrome	UnReel	500 ft	612825255956	
9562 0601000	Chrome	Reel	1,000 ft	612825255963	C
9562 060U1000	Chrome	UnReel	1,000 ft	612825255949	

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