



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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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
24	Solid	TC - Tinned Copper	2

Conductor Count:	4
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Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.01 in

Color Chart

Number	Color
1	White & Blue
2	White & Orange

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.199 in	0.032 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
24.4 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Mutual Capacitance
22 pF/ft	14 pF/ft

Current

Max. Recommended Current [A]
1.6 Amps per Conductor at 25°C

Voltage

UL Description	UL Voltage Rating
CMG	300 V RMS (CMG)
UL AWM Style 2576	150 V RMS (UL AWM Style 2576)

Temperature Range

UL Temp Rating:	80°C (UL AWM Style 2576)
Operating Temp Range:	-20°C To +80°C

Mechanical Characteristics

Bulk Cable Weight:	18 lbs/1000ft
Max. Pull Tension:	20 lbs
Min. Bend Radius/Minor Axis:	2 in

Standards

NEC/(UL) Compliance:	CMG
CEC/C(UL) Compliance:	CMG
UL AWM Style Compliance:	2576 (150 V 80°C)

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Sunlight Resistance:	Yes
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Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1685 FT4 Loading
CSA Flammability:	FT4
UL voltage rating:	300 V RMS (CMG)

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

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

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.301 Revision Date: 08-27-2021
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