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

Construction Details

Conductor

Element	Number of Element	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

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 30ºC

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

Bulk Cable Weight:	18 lbs/1000ft

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: 0.305 Revision Date: 12-21-2021

Variants

Item #	Color	Putup 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

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