



Product: [9302](#)

Audio, Control & Instrument, #22-2pr, PVC, O/A Foil, PVC Jkt, CMG

Product Description

Audio, Control & Instrument Cable, 22 AWG solid tinned copper conductors, PVC insulation, twisted pairs, overall Beldfoil® shield (100% coverage), 22 AWG stranded tinned copper drain wire, PVC jacket.

Technical Specifications

Product Overview

Suitable Applications:	low voltage analog signals (4-20ma, 0-10v, ...); low voltage digital control (24v, ...); line level audio; computer communication; panel wiring
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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Pair(s)	2	22 AWG	Solid	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.013 in (0.33 mm)	0.052 in (1.3 mm)	Black & Red, Black & White

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.244 in

Overall Cable Diameter (Nominal): 0.244 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
20.6 Ohm/1000ft	35 pF/ft (110 pF/m)	50 pF/ft (160 pF/m)	4.8 Amps per Conductor at 30°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
2.44 in (62.0 mm)	2.44 in

Max. Pull Tension:	40.3 lbs
Bulk Cable Weight:	27 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	AWM 2464
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: 0.322 Revision Date: 12-21-2021
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Variants

Item #	Color	Putup Type	Length	UPC
9302 060500	Chrome	Reel	500 ft	612825227274
9302 060U500	Chrome	UnReel	500 ft	612825227250
9302 0601000	Chrome	Reel	1,000 ft	612825227267
9302 060U1000	Chrome	UnReel	1,000 ft	612825227243
9302 0605000	Chrome	Reel	5,000 ft	612825227281

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