

Product: [9305](#)


Audio, Control & Instrument, #22-4pr, PVC, O/A Foil, PVC Jkt, CMG

Product Description

Audio, Control & Instrument Cable, 22 AWG solid tinned copper conductors, PVC insulation, 4 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	No. of Elements	Size	Stranding	Material
Pair(s)	4	22	Solid	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PVC - Polyvinyl Chloride	0.011 in (0.28 mm)	0.051 in (1.3 mm)	Black & Red, Black & White, Black & Green, Black & Blue

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)	0.265 in (6.73 mm)

Electrical Characteristics
Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Inductance	Max. Current
20.6 Ohm/1000ft	35 pF/ft (110 pF/m)	50 pF/ft (160 pF/m)	0.2 µH/ft (0.66 µH/m)	2.03 Amps per Conductor at 25°C
Nom Outer Shield DCR:				10.39 Ohm/1000ft (34.09 Ohm/km)

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.
2.65 in (67.3 mm)	2.65 in (67.3 mm)

Max. Pull Tension: 62.4 lbs (28.3 kg)

Bulk Cable Weight: 41 lbs/1000ft

Standards and Compliance

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)

UK Regulation Compliance: UKCA Mark

APAC Compliance: China RoHS II (GB/T 26572-2011)

History

Update and Revision: Revision Number: 0.439 Revision Date: 09-07-2025

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9305 060100	Chrome	Reel	100 ft	612825227397	
9305 060500	Chrome	Reel	500 ft	612825227410	C
9305 060U500	Chrome	UnReel	500 ft	612825227380	
9305 0601000	Chrome	Reel	1,000 ft	612825227403	
9305 060U1000	Chrome	UnReel	1,000 ft	612825227373	
9305 0605000	Chrome	Reel	5,000 ft	612825227427	C

Footnote: C - CRATE REEL PUT-UP.

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