



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	Number of Element	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)	Max. Current
20.6 Ohm/1000ft	35 pF/ft (110 pF/m)	50 pF/ft (160 pF/m)	2.03 Amps per Conductor at 25°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.
2.65 in (67.3 mm)	2.65 in (67.3 mm)

Max. Pull Tension:	62.4 lbs (28.3 kg)
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Bulk Cable Weight:	41 lbs/1000ft
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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: 0.435 Revision Date: 01-20-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
9305 060100	Chrome	Reel	100 ft	612825227397
9305 060500	Chrome	Reel	500 ft	612825227410
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

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