



Product: [8768](#)

Audio, Control & Instrument, #22-6pr, PVC, Indv. Foil, PVC Jkt, CMG

Product Description

Audio, Control & Instrument Cable, 22 AWG solid conductors, PVC insulation, tinned copper, twisted pairs, individually shielded with Beldfoil® (100% coverage), 22 AWG solid tinned copper drain wire, overall 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)	6	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, Black & Green, Black & Blue, Black & Yellow, Black & Brown

Inner Shield

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

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.037 in (0.94 mm)	0.379 in

Overall Cable Diameter (Nominal):	0.379 in
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Inner Shield DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
20.6 Ohm/1000ft	13.2 Ohm/1000ft (43.3 Ohm/km)	40 pF/ft (130 pF/m)	77 pF/ft (250 pF/m)	4.2 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.
3.79 in (96.3 mm)	3.79 in

Max. Pull Tension:	101.4 lbs (45.99 kg)
Bulk Cable Weight:	77 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMG, MPG
AWM Compliance:	AWM 2464
CEC / C(UL) Compliance:	CMG, MPG
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: 0.333 Revision Date: 05-05-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8768 060500	Chrome	Reel	500 ft	612825215516
8768 0601000	Chrome	Reel	1,000 ft	612825215509
8768 0605000	Chrome	Reel	5,000 ft	612825215523

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