



**Product:** [8764](#)

Audio, Control & Instrument, #22-9pr, 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)	9	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, Black & Orange, Red & White, Red & Green

#### Inner Shield

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

#### Outer Shield

Material
No Shield

#### Outer Jacket

Separator	Material	Nom. Thickness	Nom. Diameter	Ripcord
Tape	PVC - Polyvinyl Chloride	0.04 in (1.0 mm)	0.425 in	Yes

Overall Cable Diameter (Nominal):	0.425 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
18.54 Ohm/1000ft	0.16 Ohm/1000ft (0.52 Ohm/km)	40 pF/ft (130 pF/m)	77 pF/ft (250 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
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#### Bend Radius

Stationary Min.	Installation Min.
4.25 in (108 mm)	4.25 in

Max. Pull Tension:	89.7 lbs (40.7 kg)
Bulk Cable Weight:	112 lbs/1000ft

#### Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL 1685 FT4 Loading
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: 0.328 Revision Date: 05-05-2023
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#### Part Numbers

##### Variants

Item #	Color	Putup Type	Length	UPC
8764 0601000	Chrome	Reel	1,000 ft	612825215455

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