



**Product:** [8766](#)

Audio, Control & Instrument, #22-15pr, 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	No. of Elements	Size	Stranding	Material
Pair(s)	15	22	Solid	TC - Tinned Copper

##### Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
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, Red & Blue, Red & Yellow, Red & Brown, Red & Orange, Green & White, Green & Blue

##### Inner Shield

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

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.045 in (1.1 mm)	0.525 in

#### 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	11.9 Ohm/1000ft (39.0 Ohm/km)	40 pF/ft (130 pF/m)	77 pF/ft (250 pF/m)	1.4 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.
5.25 in (133 mm)	5.25 in

Max. Pull Tension:	234 lbs (106 kg)
Bulk Cable Weight:	173 lbs/1000ft

## Standards and Compliance

Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4
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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## History

Update and Revision:	Revision Number: 0.335 Revision Date: 02-03-2025
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC	Footnote
8766 0601000	Chrome	Reel	1,000 ft	612825215462	C

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