



Product: [8737](#)

Audio Cable, #22-1pr, TC, O/A Braid, CM



### Product Description

22 AWG stranded (7x30) tinned copper conductors, PVC insulation, twisted pair, tinned copper spiral wrapped shield (85% coverage), 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

Size	Stranding	Material
22	7x30	TC - Tinned Copper

##### Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.06 in (1.5 mm)	Black & Red

##### Outer Shield

Shield Type	Material	Coverage
Spiral Serve / Screen	Tinned Copper (TC)	85%

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.025 in (0.64 mm)	0.18 in

#### Electrical Characteristics

##### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Nom. Velocity of Prop.	Max. Current
16 Ohm/1000ft (52 Ohm/km)	40 pF/ft (130 pF/m)	70 pF/ft (230 pF/m)	49 Ohm	66%	3 Amps per Conductor at 25°C

##### Voltage

UL Voltage Rating
300 V RMS

#### Mechanical Characteristics

##### Temperature

UL Temperature	Operating
80°C	-20°C To +80°C

Max. Pull Tension:	20 lbs (9.1 kg)
Bulk Cable Weight:	18 lbs/1000ft (27 kg/km)

#### Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	UL 1685 FT4 Loading, FT4, 1202
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	CMG
AWM Compliance:	AWM 2095 (300 V 80°C)
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), 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: 0.417 Revision Date: 01-20-2023
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC
8737 060500	Chrome	Reel	500 ft	612825214847
8737 060U500	Chrome	UnReel	500 ft	612825215103
8737 0601000	Chrome	Reel	1,000 ft	612825214830
8737 060U1000	Chrome	UnReel	1,000 ft	612825214816
8737 0605000	Chrome	Reel	5,000 ft	612825214809

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