



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: 0.420 Revision Date: 02-15-2024
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Part Numbers

Variants

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

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