



**Product:** [8732](#)

Electronic, 2 Pr #22 Str TC, PO Ins, 1Pr w/ TC Brd, PVC Jkt, CM

[Request Sample](#)

## Product Description

Electronic, 2 Pair 22AWG (7x30) Tinned Copper, PO Insulation, 1 Pair w/ Tinned Copper Braid(62%) Shield, PVC Outer Jacket, CM

## 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)	2	22 AWG	7x30	TC - Tinned Copper

#### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PE - Polyethylene	0.0205 in (0.521 mm)	0.070 in (1.8 mm)	Black, Clear

#### Inner Shield

Shield Type	Material	Coverage
Braid	Tinned Copper (TC)	62%
No Shield		

#### Outer Shield

Material
No Shield

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.03 in (0.76 mm)	0.206 x 0.332 in

Overall Cable Diameter (Nominal):	0.206 x 0.332 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)	Nom. Characteristic Impedance	Max. Current
18.2 Ohm/1000ft	7.3 Ohm/1000ft (24 Ohm/km)	12 pF/ft (39 pF/m)	21 pF/ft (69 pF/m)	74 Ohm	4.8 Amps per Conductor at 30°C

#### Voltage

UL Voltage Rating
300 V

### Mechanical Characteristics

#### Temperature

UL Temperature	Operating

60°C	-20°C to +60°C
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#### Bend Radius

Stationary Min.	Installation Min.
0.68 in (17 mm)	0.68 in

Max. Pull Tension:	81 lbs (37 kg)
Bulk Cable Weight:	37 lbs/1000ft

#### Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL 1685 UL Loading, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CM
AWM Compliance:	AWM 2094
CEC / C(UL) Compliance:	CM
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: 0.404 Revision Date: 05-05-2023
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#### Part Numbers

#### Variants

Item #	Color	Putup Type	Length	UPC
8732 0601000	Chrome	Reel	1,000 ft	612825214762

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