



Product: [9772](#)

Audio & Instrumentation, 12 Triads 22 AWG (36C) TC, Individually Jacketed



### Product Description

12 Individually jacketed triads 22 AWG stranded (7x30) TC conductors, polypropylene insulation, 22 AWG stranded TC 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
Triad(s)	12	22 AWG	7x30	TC - Tinned Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code	Notes
Triad(s)	PP - Polypropylene	0.0085 in (0.22 mm)	0.046 in mm	Black, Red, Green	
				Black, Red, Green, Yellow, Blue, Brown, Orange, Grey, Violet, Black/Black, Red/Black, Green/Black	Colors Indicated here is for Inner Jacket

##### Inner Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC

##### Outer Shield

Material
No Shield

##### Inner Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.02 in (0.51 mm)	0.150 in (3.81 mm)

##### Outer Jacket

Separator	Material	Nom. Thickness	Nom. Diameter	Ripcord
Paper Tape	PVC - Polyvinyl Chloride	0.06 in (1.5 mm)	0.725 in	Yes

Overall Cable Diameter (Nominal):	0.725 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
15 Ohm/1000ft	12.1 Ohm/1000ft (39.7 Ohm/km)	34 pF/ft (110 pF/m)	67 pF/ft (220 pF/m)	2.3 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.
2.32 in (58.9 mm)	2.32 in

Max. Pull Tension:	327.6 lbs (148.6 kg)
Bulk Cable Weight:	257lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	VW-1, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
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)

## Product Notes

Notes:	Each triad shielded with 100% Beldfoil« shield and drain wire, encased in a .020" white PVC jacket with color coded stripes.
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## History

Update and Revision:	Revision Number: 0.369 Revision Date: 02-03-2025
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9772 060500	Chrome	Reel	500 ft	612825358138	C

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