

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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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Triads
22	7x30	TC - Tinned Copper	12

Conductor Count:	36
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Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.008 in

Color Chart

Number	Color
1	White w/Black Stripe
2	White w/Red Stripe
3	White w/Green Stripe
4	White w/Brown Stripe
5	White w/Blue Stripe
6	White w/Orange Stripe
7	White w/Yellow Stripe
8	White w/Purple Stripe
9	White w/Gray Stripe
10	White and Black w/Black Stripe
11	White and Black w/Red Stripe
12	White and Black w/Green Stripe

Color Chart 2

Number	Color
1	Black
2	Red
3	Green

Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Alum / Poly	Beldfoil®	100%	TC - Tinned Copper	22	7x30

Inner Jacket Material

Material	Nominal Wall Thickness
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PVC - Polyvinyl Chloride	0.02 in
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Outer Shield Material

Material

No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.725 in	0.06 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Inner Shield DCR
15 Ohm/1000ft	12.1 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
34 pF/ft	67 pF/ft

Current

Max. Recommended Current [A]

2.3 Amps per Conductor at 25°C

Voltage

Non-UL Voltage Rating

300 V RMS

Temperature Range

Non-UL Temp Rating:	80°C
Operating Temp Range:	-20°C To +80°C

Mechanical Characteristics

Bulk Cable Weight:	257 lbs/1000ft
Max. Pull Tension:	327.6 lbs
Min Bend Radius/Minor Axis:	7.25 in

Standards

CPR Euroclass:	Eca
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Applicable Environmental and Other Programs

Environmental Space:	Indoor (Not Riser or Plenum)
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LSOH, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

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

Footnote: C - CRATE REEL PUT-UP.

Product Notes

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

History

Update and Revision: Revision Number: 0.275 Revision Date: 06-08-2020

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