

## 9772 Triad - Special Audio, Communication and Instrumentation Cable

For more Information  
please call

1-800-Belden1

**Description:**

22 AWG triads stranded (7x30) TC conductors, polypropylene insulation, cabled in triads, 22 AWG stranded TC drain wire, overall PVC jacket.

**Physical Characteristics (Overall)****Conductor****AWG:**

# Triads	AWG	Stranding	Conductor Material
12	22	7x30	TC - Tinned Copper

**Insulation****Insulation Material:**

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	.008

**Inner Shield****Inner Shield Material:**

Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

**Inner Shield Drain Wire AWG:**

AWG
22

**Inner Shield Drain Wire Stranding:** 7x30

**Inner Shield Drain Wire Conductor Material:** TC - Tinned Copper

**Inner Shield Color Code Chart:**

Number	Color
1	Black
2	Red
3	Green

**Inner Jacket****Inner Jacket Material:**

Inner Jacket Material	Nom Wall (in.)
PVC - Polyvinyl Chloride	.020

**Inner Jacket Insulation Resistance:**

White w/Black Stripe, White w/Red Stripe, White w/Green Stripe, White w/Brown Stripe, White w/Blue Stripe, White w/Orange Stripe, White w/Yellow Stripe, White w/Purple Stripe, White w/Gray Stripe, White and Black w/Black Stripe, White and Black w/Red Stripe, White and Black w/Green Stripe

**Inner Jacket Color Code 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

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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

**Outer Jacket****Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.060

**Overall Cable**

**Overall Nominal Diameter:** 0.725 in.

**Pair****Pair Lay Length & Direction:**

Lay Length (in.)	Twists/ft. (twist/ft)
1.750	7.000

**Mechanical Characteristics (Overall)**

<b>Operating Temperature Range:</b>	-20°C To +80°C
<b>Non-UL Temperature Rating:</b>	80°C
<b>Bulk Cable Weight:</b>	257 lbs/1000 ft.
<b>Max. Recommended Pulling Tension:</b>	327.600 lbs.
<b>Min. Bend Radius (Install)/Minor Axis:</b>	7.250 in.

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

<b>EU CE Mark:</b>	Yes
<b>EU Directive 2000/53/EC (ELV):</b>	Yes
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	01/01/2004
<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
<b>EU Directive 2003/11/EC (BFR):</b>	Yes
<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>MII Order #39 (China RoHS):</b>	Yes

**Plenum/Non-Plenum**

<b>Plenum (Y/N):</b>	No
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**Electrical Characteristics (Overall)****Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/ft)
34

**Nom. Capacitance Cond. to Other Conductor & Shield:**

Capacitance (pF/ft)
67

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)
15

**Nom. Inner Shield DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)
12.1

**Max. Operating Voltage - Non-UL:**

Voltage
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## 9772 Triad - Special Audio, Communication and Instrumentation Cable

300 V RMS

**Max. Recommended Current:****Current**

2.3 Amps per conductor @ 25°C

**Notes (Overall)**

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

**Related Documents:**

No related documents are available for this product

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9772 060500	500 FT	136.000 LB	CHROME	C	12 #22 SHTRP PP PVC PVC

**Notes:**

C = CRATE REEL PUT-UP.

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