

9772 Triad - Special Audio, Communication and Instrumentation Cable

For more Information
please call

1-800-Belden1

**General 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

Total Number of Conductors: 36

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.2032

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 (mm)
PVC - Polyvinyl Chloride	0.508

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
9	White w/Gray Stripe
10	White and Black w/Black Stripe
11	White and Black w/Red Stripe

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12	White and Black w/Green Stripe
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Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.524

Overall Cable

Overall Nominal Diameter: 18.415 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
Non-UL Temperature Rating:	80°C
Bulk Cable Weight:	382.467 Kg/Km
Max. Recommended Pulling Tension:	1457.230 N
Min. Bend Radius/Minor Axis:	184.150 mm

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

EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)**Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/m)
111.554

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)
219.827

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
49.215

Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/km)
39.7001

Max. Operating Voltage - Non-UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
2.3 Amps per conductor @ 25°C

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Notes (Overall)

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

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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