# **Detailed Specifications & Technical Data**

### **ENGLISH MEASUREMENT VERSION**



## 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)**

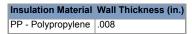
### Conductor

#### AWG:

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

### Insulation

#### **Insulation Material:**



### **Inner Shield**

### Inner Shield Material:

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

#### Inner Shield Drain Wire AWG:



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

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

# **Applicable Specifications and Agency Compliance (Overall)**

# **Applicable Standards & Environmental Programs**

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
enum/Non-Plenum	

### Ple

Plenum (Y/N): No

# **Electrical Characteristics (Overall)**

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 15

Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Max. Operating Voltage - Non-UL:

Voltage

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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	С	12 #22 SHTRP PP PVC PVC

#### Notes:

C = CRATE REEL PUT-UP.

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