Product: [1696A] ☒

Digital Audio Cable, 1 Pr #22, Str TC, Foil + Braid, PVC Jkt

REPRESENTATIVE IMAGE

Product Description

Digital Audio Cable, 1 Pair 22 AWG (7 x 30) Tinned Copper, Datalene® Insulation, Overall Beldfoil® Shield, 90% Tinned Copper Braid Shield, PVC jacket

Technical Specifications

Product Overview

Suitable Applications:	Digital audio, Interconnect between audio equipment such as microphones, speakers, amplifiers, mixing consoles

Construction Details

Conductor

Element	Number of Element	AWG	Stranding	Material
Pair(s)	1	22	7x30	TC - Tinned Copper

Insulation

Element	Material	Thickness [in.]	Color Code	Notes
Pair(s)	PE - Polyethylene (Foam)	0.027	Blue & White	HDPE

Outer Shield Material

Shield Type	Material	Coverage	Drainwire Type
Tape + Braid	Bi-Laminate (Alum+Poly) + Tinned Copper (TC)	100% + 90%	24 AWG (7x32) TC

Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.025 in	0.235 in

Cable Diameter (Nominal):	0.235 in

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Characteristic Impedence	Nom. Velocity of Prop.	Max. Current
Pair(s)	17.8 Ohm/1000ft	13 pF/ft	26 pF/ft	110 Ohm	76%	3.8 Amps per conductor @ 25°C

Nom Outer Shield DCR:	5.89 Ohm/1000ft

Voltage

Non-UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

Operating
-30°C to +60°C

Bend Radius

Stationary Min.	Installation Min.

2.5 in	2.4 in

Max. Pull Tension:	16.5 lbs
Bulk Cable Weight:	31 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Fire Resistance:	IEC 60332-1-2
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Other Standard Compliance(s):	AES/EBU

Product Notes

Notes:	Cabling has two rod fillers for improved electrical performance.

History

Update and Revision:	Revision Number: 0.306 Revision Date: 09-30-2020

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Belden Wire & Cable](#):
  [1696A B591000](#) [1696A B59U1000](#) [1696A B59250](#)