

Product: [1696A](#) 

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



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
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Construction Details

Conductor

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

Insulation

Element	Material	Thickness	Nom. Insulation Diameter	Color Code	Notes
Pair(s)	PE - Polyethylene (Foam)	0.027 in (0.69 mm)	0.082 in (2.1 mm)	Blue & White	HDPE

Outer Shield

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

Outer Jacket

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.025 in (0.64 mm)	0.235 in

Cable Diameter (Nominal):	0.235 in (5.97 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Nom. Velocity of Prop.	Max. Current
Pair(s)	17.8 Ohm/1000ft (58.4 Ohm/km)	13 pF/ft (43 pF/m)	26 pF/ft (85 pF/m)	110 Ohm	76%	3.8 Amps per conductor @ 25°C

Nom. Outer Shield DCR:	5.89 Ohm/1000ft
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Voltage

Non-UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

Operating
-30°C to +60°C

Bend Radius

Stationary Min.	Installation Min.
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2.4 in (61 mm)	2.4 in (61 mm)
Max. Pull Tension:	16.5 lbs (7.48 kg)
Bulk Cable Weight:	31 lbs/1000ft (46 kg/km)

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 (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), 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.
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History

Update and Revision:	Revision Number: 0.313 Revision Date: 07-02-2021
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