



Part Number: 70030

AUDIO ANALOG 1 PAIR, 24AWG, ISTP, LSZH

Product Description

ANALOG AUDIO 1 PAIR, 24AWG/0.22mm², ISTP, LSZH

Technical Specifications

Product Overview

Environmental Space:	Indoor - Euroclass Dca
Suitable Applications:	Single pair 24 AWG halogen free screened pair cable for analog audio; For analogue audio

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Construction n x D	No. of Pairs
24	7x32	BOFC - Bare Oxygen free Copper	7x0.20 mm	1

Conductor Count:	2
Total Number of Pairs:	1

Insulation

Type	Material	Nominal Diameter	Diameter +/- Tolerance
Insulation	Polyethylene	1.02 mm	0.05 mm

Color Chart

Number	Color
Pair 1	Red & Black

Outer Shield Material

Type	Material	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D	Drainwire Position
Foil	Aluminum/Polyester	100 %	Stranded tinned copper	24	7x0.20 mm	Under shielding foil

Outer Jacket Material

Material	Nominal Diameter	Diameter +/- Tolerance
LSZH / FRNC	3.1 mm	0.1 mm

Construction and Dimensions

Cabling

Description
1 Pair + Stranded tinned copper drainwire (AWG 24)(7x0.20)

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
88.5 Ohm/km	52 Ohm/km

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield

92 pF/m	180 pF/m
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Inductance

Nominal Inductance
0.75 µH/m

Temperature Range

Other Temp Range:	-30-+70 °C
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Mechanical Characteristics

Max Recommended Pulling Tension:	70 N
Min Bend Radius During Installation:	31 mm
Min Setting Radius:	15.5 mm

Standards

CPR Euroclass:	Dca-s2,d1,a1
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Applicable Environmental and Other Programs

EU RoHS Compliance Date (yyyy-mm-dd):	2013-07-05
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Flammability, LSOH, Toxicity Testing

ISO/IEC Flammability:	IEC 60332-1-2
LOI of Jacket:	34 %
Amount of Halogen acc. to IEC 60754-1 & EN50267-1:	Zero

Part Number

Variants

Item #	Color	Length
70030.01100	Black	100 m
70030.01500	Black	500 m
70030.00100	Gray	100 m
70030.00500	Gray	500 m

History

Update and Revision:	Revision Number: 0.120 Revision Date: 08-22-2019
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