




Product: [70031](#) 

AUDIO ANALOG 1 PAIR, 22AWG, ISTP, LSZH

Product Description

ANALOG AUDIO 1 PAIR, 22AWG/0.34mm², ISTP, LSZH

Technical Specifications

Product Overview

Environmental Space:	Indoor - Euroclass Eca
Suitable Applications:	1-pair 22AWG halogen-free screened pair cable; For analogue audio

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Construction n x D
22	7x30	BOFC - Bare Oxygen free Copper	7x0.25 mm

Conductor Count:	2
Total Number of Pairs:	1

Insulation

Type	Material	Nominal Diameter	Diameter +/- Tolerance
Insulation	Polyethylene	1.16 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	22	7x0.25 mm	Under shielding foil

Outer Jacket Material

Material	Nominal Diameter	Diameter +/- Tolerance
LSZH / FRNC	3.50 mm	0.20 mm

Construction and Dimensions

Cabling

Description
1 pair

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
46.0 Ohm/km	46.9 Ohm/km

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
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115 pF/m	220 pF/m
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Inductance

Nominal Inductance
0.56 µH/m

Temperature Range

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

Max Recommended Pulling Tension:	120 N
Min Bend Radius During Installation:	35 mm
Min Setting Radius:	17.5 mm

Standards

CPR Euroclass:	Eca
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Applicable Environmental and Other Programs

EU RoHS Compliance Date (yyyy-mm-dd):	2017-02-10
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Flammability, LS0H, Toxicity Testing

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

Part Number

Variants

Item #	Color	Length
70031.01100	Black	100 m
70031.01500	Black	500 m
70031.00100	Gray	100 m
70031.00500	Gray	500 m

History

Update and Revision:	Revision Number: 0.136 Revision Date: 01-31-2020
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