



Product: [70030](#)

AUDIO ANALOG 1 PAIR, 24AWG, ISTP, LSZH

Product Description

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

Technical Specifications

Product Overview

Suitable Applications:	Single pair 24 AWG halogen free screened pair cable for analog audio; For analogue audio
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Construction n x D	No. of Pairs
24	7x32	BC-OFHC - Oxygen-Free Bare Copper (High Conductivity)	7x0.20 mm	1

Conductor Count:	2
Total Number of Pairs:	1

Insulation

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

Color Chart

Number	Color
Pair 1	Red & Black

Outer Shield

Type	Material	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D	Drainwire Position
Tape	Bi-Laminate (Alum+Poly)	100%	TC - Tinned Copper	24	7x0.20 mm	Under shielding foil

Outer Jacket

Material	Nominal Diameter	Diameter +/- Tolerance
LSZH - Low Smoke Zero Halogen (Flame Retardant)	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

Inductance

Nominal Inductance

0.75 µH/m

Temperature Range

Other Temp Range: -30-+70 °C

Mechanical Characteristics

Max. Pull Tension:	70 N
Min. Bend Radius During Installation:	31 mm
Min Setting Radius:	15.5 mm

Standards

CPR Euroclass: Dca-s2,d1,a1

Applicable Environmental and Other Programs

Environmental Space: Indoor - Euroclass Dca

Flammability, LSOH, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
LOI of Jacket:	34 %
IEC 60754-1 - Halogen Amount:	Zero
IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity:	2.5 µS/mm
IEC 60754-2 - Halogen Acid Gas Amount - Min. pH:	4.3
IEC 61034-2 - Smoke Density Min. Transmittance:	60%

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	EAN
70030.01100	Black	Reel	100 m	8719605009548
70030.01500	Black	Reel	500 m	8719605009555
70030.00100	Gray	Reel	100 m	8719605009524
70030.00500	Gray	Reel	500 m	8719605009531

History

Update and Revision: Revision Number: 0.165 Revision Date: 02-15-2024

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