



Product: [70030CH](#)

AUDIO ANALOG 1 PAIR, 24AWG, ISTD, LSZH-C

Product Description

ANALOG AUDIO 1 PAIR, 24AWG/0.22mm², ISTD, LSZH-C

Technical Specifications

Product Overview

Suitable Applications:	1-pair 24AWG halogen-free screened pair cable; For analogue audio
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Construction n x D
24	7x32	BC-OFHC - Oxygen-Free Bare Copper (High Conductivity)	7x0.20 mm

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)	3.10 mm	0.10 mm

Construction and Dimensions

Cabling

Description
1 pair

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
88.5 Ohm/km	52.0 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 to +70 °C
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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
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Applicable Environmental and Other Programs

Environmental Space:	Indoor - Euroclass Dca
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Flammability, LSOH, Toxicity Testing

IEC Flammability:	IEC 60332-1-2, IEC 60332-3-24
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
70030CH.00500	Green	Reel	500 m	8719605009562

History

Update and Revision:	Revision Number: 0.185 Revision Date: 02-15-2024
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