



Product: [1508ENH](#)

AUDIO ANALOG 1 PAIR, 24AWG, ISTP, LSZH

Product Description

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

Technical Specifications

Product Overview

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

Conductor

AWG	Stranding	Material	Construction n x D
24	7x32	TC - Tinned Copper	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 Material

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

Material	Nominal Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	3.3 mm

Table Notes:	According EN 50290-2-20
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Construction and Dimensions

Cabling

Description
1 pair + 1 strandend tinned copper (24AWG)(7x0.20 mm)

Min Elongation at Breakof Jacket:	125 %
Min Tensile Strength of Jacket:	9 MPa

Electrical Characteristics

Conductor DCR

Max. 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
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Mechanical Characteristics

Max. Pull Tension:	73 N
Min Bend Radius (W/o Pulling Strength):	33 mm
Min Bend Radius During Installation:	33.3 mm
Min Bend Radius During Operation:	50 mm

Standards

CENELEC Compliance:	EN 50290-2-20
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Applicable Environmental and Other Programs

Environmental Space:	Indoor
EU RoHS Compliance Date (yyyy-mm-dd):	2009-04-29

Flammability, LSOH, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
IEC 60754-1 (EN50267-1)- Halogen Amount:	Zero
IEC 60754-2 (EN50267-2)- Halogen Acid Gas Amount - Max. Conductivity:	2.5 µS/mm
IEC 60754-2 (EN50267-2)- Halogen Acid Gas Amount - Min. pH:	4.3
IEC 61034-2 (EN 61034-2) (VDE 0482-1034) - Smoke Density Min. Transmittance:	60%

Part Number

Variants

Item #	Color	Putup Type	Length	EAN
1508ENH.00500	Gray	Reel	500 m	8719605001610

History

Update and Revision:	Revision Number: 0.155 Revision Date: 12-17-2020
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