



Product: [1513ECH](#)



1513ECH - Audio Snake Cable, 12 pr #24 Str TC, Ind. Shielded & Jacketed, O/A Foil, LSZH-C Jkt, Ripcord, Flexible

Product Description

Audio Snake Cable, 12 Pair 24 AWG (7 x 32) Tinned Copper, PE Insulation, Individually Foil Shielded and LSZH Jacketed, Overall Beldfoil® Shield, LSZH jacket, Ripcord, Flexible

Technical Specifications

Product Overview

Suitable Applications:	Multi-channel interconnect between audio equipment such as microphones, speakers, amplifiers, mixing consoles; Live events or studio sound; Analog audio
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Construction Details

Conductor

Size	Stranding	Material
24	7x32	TC - Tinned Copper

Insulation

Material	Nom. Insulation Diameter	Color Code
PE - Polyethylene	1.02 mm (0.0402 in)	Red & Black

Inner Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC

Table Notes:	Aluminum inside
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Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	18 AWG (7x26) TC

Inner Jacket

Material	Nom. Diameter	Color
LSZH - Low Smoke Zero Halogen (Flame Retardant)	2.86 mm (0.113 in)	Gray

Table Notes:	Jacket single element, elements are numbered 1 - 12 for identification
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Outer Jacket

Material	Nom. Thickness	Nom. Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	1.00 mm (0.0394 in)	14.00 mm (0.5512 in)

Overall Cable Diameter (Nominal):	14.00 mm (0.5512 in)
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Electrical Characteristics

Electricals

Max. Conductor DCR	Nom. Inner Shield DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Shield
88.5 Ohm/km (27.0 Ohm/1000ft)	52 Ohm/km (16 Ohm/1000ft)	92 pF/m (28 pF/ft)	180 pF/m (55 pF/ft)

Mechanical Characteristics

Temperature

Operating	Storage
-30°C To +70°C	-30°C To +70°C

Bend Radius

Installation Min.
140 mm (5.5 in)

Max. Pull Tension:	980 N (220 lbf)
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Standards and Compliance

Environmental Suitability:	Indoor - Euroclass Dca
Flammability / Reaction to Fire:	IEC 60332-1-2, IEC 60332-3-24, CEI 20-22-3
CPR Compliance:	CPR Euroclass: Dca-s1,d2,a1; CPR UKCA Class: Dca-s1,d2,a1
CENELEC Compliance:	EN 50290-2-20
European Halogen Free Standards:	IEC 62821-1 Halogen Free Compliance = Yes, 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
European Directive Compliance:	EU CE Mark
UK Regulation Compliance:	UKCA Mark

History

Update and Revision:	Revision Number: 0.193 Revision Date: 02-03-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	EAN
1513ECH.01500	Black	Reel	500 m	8719605001801
1513ECH.011000	Black	Reel	1,000 m	8719605001795

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