



Product: [46349CH](#)

MICROPHONE CABLE 24 AWG FRNC/LSZH-C

Product Description

MICROPHONE CABLE 24AWG FRNC/LSZH-C

Technical Specifications

Product Overview

Suitable Applications:	Microphone cable
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Construction n x D
24	32x38	BC - Bare Copper	32x0.10 mm

Conductor Count:	2
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Insulation

Type	Material	Nominal Diameter	Diameter +/- Tolerance
Insulation	PE - Polyethylene	1.45 mm	0.05 mm

Color Chart

Number	Color
Wire 1	Red
Wire 2	Blue

Outer Shield

Type	Material	Min. Coverage [%]
Spiral Serve / Screen	Bare Copper (BC)	90%

Outer Jacket

Material	Nominal Diameter	Diameter +/- Tolerance
LSZH - Low Smoke Zero Halogen (Flame Retardant)	6.10 mm	0.20 mm

Construction and Dimensions

Cabling

Description	Filler
2 fillers + 2 wires twisted	Cotton (2x)

Electrical Characteristics

Conductor DCR

Max. Conductor DCR
78 Ohm/km

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
60 pF/m	110 pF/m

Temperature Range

Storage Temperature Range:	-15°C To +60°C
Operating Temp Range (Fixed Install):	-30°C To +70°C

Mechanical Characteristics

Min. Bend Radius During Installation:	61 mm
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Applicable Environmental and Other Programs

Environmental Space:	Indoor
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Flammability, LSOH, Toxicity Testing

IEC Flammability:	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

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	EAN
46349CH.00500	Black	Reel	500 m	8719605007407
46349CH.001000	Black	Reel	1,000 m	8719605007391

History

Update and Revision:	Revision Number: 0.175 Revision Date: 02-03-2025
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