



Product: [46381NH](#)

SPEAKERCABLE LSZH 2x2.5mm²

Product Description

SPEAKERCABLE LSZH 2x2.5mm²

Technical Specifications

Product Overview

Suitable Applications:	Speaker cable for use in indoor or outdoor applications
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Physical Characteristics (Overall)

Conductor

Stranding	Material	Cross Section	Construction n x D
50x30	BC - Bare Copper	2.50 mm ²	50x0.25 mm

Conductor Count:	2
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Insulation

Type	Material	Nominal Diameter	Diameter +/- Tolerance
Insulation	PE - Polyethylene	2.90 mm	0.07 mm

Color Chart

Number	Color
Wire 1	Black
Wire 2	Red

Outer Jacket Material

Material	Nominal Diameter	Diameter +/- Tolerance
LSZH - Low Smoke Zero Halogen (Flame Retardant)	8.05 mm	0.10 mm

Table Notes:	Flexible with Matte Finish
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Construction and Dimensions

Cabling

Description
2 wires twisted

Electrical Characteristics

Conductor DCR

Max. Conductor DCR
8 Ohm/km

Capacitance

Nom. Capacitance
76 pF/m

Inductance

Nominal Inductance

Max. 1.20 µH/m

Voltage

Voltage Rating [V]

300 V

Temperature Range

Storage Temp Range:	-40°C To +70°C
Operating Temp Range (Flexible Install):	-5°C To +60°C
Operating Temp Range (Fixed Install):	-40°C To +70°C

Mechanical Characteristics

Max. Pull Tension:	350 N
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Standards

CPR Euroclass:	Eca
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Applicable Environmental and Other Programs

Environmental Space:	Indoor - Euroclass Eca
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01

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

Part Number

Variants

Item #	Color	Putup Type	Length	EAN
46381NH.00500	Gray	Reel	500 m	8719605007483

History

Update and Revision:	Revision Number: 0.148 Revision Date: 06-24-2020
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