



**Product:** [70047](#)

Speaker Cable LSZH 4x2.5mm<sup>2</sup>, CPR Dca.

## Product Description

Speaker Cable, 4 Conductor 2.5mm<sup>2</sup> (50 x 0.25mm) Oxygen-Free Bare Copper (High Conductivity), LSZH Insulation, LSZH Jacket, Flexible, CPR Euroclass Dca.

## 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
Stranded	BC-OFHC - Oxygen-Free Bare Copper (High Conductivity)	2.50 mm <sup>2</sup>	50x0.25 mm

Conductor Count:	4
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#### Insulation

Type	Material	Nominal Diameter	Diameter +/- Tolerance
Insulation	LSZH - Low Smoke Zero Halogen (Flame Retardant)	2.70 mm	0.07 mm

#### Color Chart

Number	Color
Wire 1	Black
Wire 2	Red
Wire 3	White
Wire 4	Green

#### Outer Jacket

Material	Nominal Diameter	Diameter +/- Tolerance
LSZH - Low Smoke Zero Halogen (Flame Retardant)	8.50 mm	0.20 mm

### Construction and Dimensions

#### Cabling

Description
1 center filler + 4 wires twisted

### Electrical Characteristics

#### Conductor DCR

Max. Conductor DCR
8 Ohm/km

Min Insulation Resistance:	200 MOhm*km
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#### Voltage

Voltage Rating [V]
300 V

## Temperature Range

Storage Temperature Range:	-30°C to +70°C
Operating Temp Range (Flexible Install):	-5°C To +60°C
Operating Temp Range (Fixed Install):	-30°C To +70°C

## Mechanical Characteristics

Max. Pull Tension:	700 N
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## Standards

CPR Euroclass:	Dca-s2,d2,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
LOI of Jacket:	Min. 34 %
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
70047.00100	Black	Reel	100 m	8719605142429
70047.00500	Black	Reel	500 m	8719605009913

## History

Update and Revision:	Revision Number: 0.182 Revision Date: 12-16-2022
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