

Product: 70046LV

Speaker Cable LSZH 2x2.5mm², CPR B2ca.

Product Description

Speaker Cable, 2 Conductor 2.5mm² (50 x 0.25mm) Oxygen-Free Bare Copper (High Conductivity), LSZH Insulation, LSZH Jacket, Flexible, CPR Euroclass B2ca.

Technical Specifications

Product Overview

Suitable Applications:	Speaker cable for use in indoor or outdoor applications

Physical Characteristics (Overall)

Conductor

Stranding	Material	Cross Section	Construction n x D
Stranded	BC-OFHC - Oxygen-Free Bare Copper (High Conductivity)	2.50 mm²	50x0.25 mm

Conductor Count:	2

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

Outer Jacket

Material	Nominal Diameter	Diameter +/- Tolerance
LSZH - Low Smoke Zero Halogen (Flame Retardant)	8.0 mm	0.30 mm

Table Notes:	Matte Finish

Construction and Dimensions

Cabling

Description
2 wires twisted

Electrical Characteristics

Conductor DCR

Max. Conductor DCR
8 Ohm/km

Min Insulation Resistance:	200 MOhm*km

Voltage

Voltage Rating [V]
300 V

Temperature Range

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

Mechanical Characteristics

Max. Pull Tension:	350 N

Standards

CPR Euroclass:	B2ca-s1,d1,a1

Applicable Environmental and Other Programs

Environmental Space:	Indoor/Outdoor - Euroclass B2ca

Flammability, LS0H, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
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
70046LV.00100	Black	Reel	100 m	8719605175458
70046LV.00500	Black	Reel	500 m	8719605174758
70046LV.01100	White	Reel	100 m	8719605189769
70046LV.01500	White	Reel	500 m	8719605189752

History

Update and Revision:	Revision Number: 0.56 Revision Date: 08-31-2022

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