


Product: [46380NH](#) 

Speaker Cable LSZH 2x4.0mm², CPR Eca.

Product Description

Speaker Cable, 2 Conductor 4.0mm² (56 x 0.30mm) Oxygen-Free Bare Copper (High Conductivity), PE Insulation, LSZH Jacket, Flexible, CPR Euroclass Eca.

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
56x29	BC - Bare Copper	4.00 mm²	56x0.30 mm
Conductor Count:			2

Insulation			
Type	Material	Nominal Diameter	Diameter +/- Tolerance
Insulation	PE - Polyethylene	3.50 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)	9.00 mm	0.10 mm
Table Notes:		Flexible with Matte Finish

Construction and Dimensions

Cabling	
Description	
2 wires twisted	

Electrical Characteristics

Conductor DCR	
Max. Conductor DCR	
4.5 Ohm/km	
Capacitance	
Nom. Capacitance	
76 pF/m	
Min Insulation Resistance:	
200 MOhm*km	
Inductance	

Nominal Inductance
Max. 1.20 µH/m

Voltage

Voltage Rating [V]
300 V

Temperature Range

Storage Temperature 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:	550 N
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Standards

CPR Euroclass:	Eca
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Applicable Environmental and Other Programs

Environmental Space:	Indoor - Euroclass Eca
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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
46380NH.01100	Black	Reel	100 m	8719605007452
46380NH.01500	Black	Reel	500 m	8719605007469
46380NH.00100	Gray	Reel	100 m	8719605007438
46380NH.00500	Gray	Reel	500 m	8719605007445

History

Update and Revision:	Revision Number: 0.166 Revision Date: 04-08-2022
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