



Product: [70046](#)

SPEAKERCABLE LSZH 2x2.5mm²

Product Description

SPEAKERCABLE LSZH 2x2.5mm²

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Environmental Space: | Indoor - Euroclass Dca |
| Suitable Applications: | Speaker cable for use in indoor or outdoor applications |

Physical Characteristics (Overall)

| Conductor | | | |
|------------------|--------------------------------|---------------|--------------------|
| Stranding | Material | Cross Section | Construction n x D |
| Stranded | BOFC - Bare Oxygen free Copper | 2.50 mm² | 50x0.25 mm |
| Conductor Count: | | 2 | |

| Insulation | | | |
|------------|-------------|------------------|------------------------|
| Type | Material | Nominal Diameter | Diameter +/- Tolerance |
| Insulation | FRNC / LSZH | 2.70 mm | 0.07 mm |

| Color Chart | |
|-------------|-------|
| Number | Color |
| Wire 1 | Black |
| Wire 2 | Red |

| Outer Jacket Material | | |
|-------------------------------|------------------|------------------------|
| Material | Nominal Diameter | Diameter +/- Tolerance |
| LSZH / FRNC with matte finish | 7.30 mm | 0.30 mm |

Construction and Dimensions

| Cabling | |
|-----------------------------|--|
| Description | |
| 2 fillers + 2 wires twisted | |

Electrical Characteristics

| Conductor DCR | |
|--------------------|--|
| Max. Conductor DCR | |
| 8 Ohm/km | |

| Voltage | |
|--------------------|--|
| Voltage Rating [V] | |
| 300 V | |

Temperature Range

| | |
|---------------------|----------------|
| Storage Temp 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 Recommended Pulling Tension: | 350 N |
|----------------------------------|-------|

Standards

| | |
|----------------|--------------|
| CPR Euroclass: | Dca-s2,d2,a1 |
|----------------|--------------|

Applicable Environmental and Other Programs

| | |
|---------------------------------------|------------|
| EU RoHS Compliance Date (yyyy-mm-dd): | 2004-01-01 |
|---------------------------------------|------------|

Flammability, LS0H, Toxicity Testing

| | |
|---|---------------|
| ISO/IEC Flammability: | IEC 60332-1-2 |
| LOI of Jacket: | Min. 34 % |
| Amount of Halogen acc. to IEC 60754-1 & EN50267-1: Zero | |

Part Number

Variants

| Item # | Color | Length |
|-------------|-------|--------|
| 70046.00100 | Black | 100 m |
| 70046.00500 | Black | 500 m |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.129 Revision Date: 01-31-2020 |
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