



Part Number: 70046

SPEAKERCABLE LSZH 2x2.5mm²

Product Description

SPEAKERCABLE LSZH 2x2.5mm²

Technical Specifications

Product Overview

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

Physical Characteristics (Overall)

Conductor

| Stranding | Material | Cross Section | Construction n x D |
|-----------|-------------------------|----------------------|--------------------|
| Stranded | Bare oxygen free copper | 2.50 mm ² | 50x0.25 mm |

| | |
|------------------|----------------------|
| Conductor Count: | 2 |
| Conductor Size: | 2.50 mm 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 | Color | Nominal Diameter | Diameter +/- Tolerance |
|-------------------------------|--|------------------|------------------------|
| LSZH / FRNC with matte finish | Gray (like RAL 7000) or Black (UV resistant) | 7.30 mm | 0.10 mm |

Electrical Characteristics

Conductor DCR

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

| | |
|------------|------------|
| Shielding: | Unshielded |
|------------|------------|

Voltage

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

Temperature Range

| | |
|--|----------------|
| 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: | Cca-s1,d2,a1 |
|----------------|--------------|

Flammability, LSOH, 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 |
|-------------|-------|
| 70046.00100 | BLACK |
| 70046.00500 | BLACK |

History

| | |
|------------------|---|
| Revision Number: | 3 |
|------------------|---|

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