



Product: [70047](#)

SPEAKERCABLE FRNC/LSZH 4x2.5mm²

Product Description

SPEAKERCABLE FRNC/LSZH 4x2.5mm²

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: 4

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 |
| Wire 3 | White |
| Wire 4 | Green |

Outer Jacket Material

| Material | Nominal Diameter | Diameter +/- Tolerance |
|-------------|------------------|------------------------|
| LSZH / FRNC | 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 |

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: | 700 N |
|----------------------------------|-------|

Standards

| | |
|----------------|--------------|
| CPR Euroclass: | Dca-s1,d2,a1 |
|----------------|--------------|

Applicable Environmental and Other Programs

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

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 | Length |
|--------------|-------|--------|
| 70047.00500 | Black | 500 m |
| 70047.009999 | Black | 500 m |
| 70047.00100 | Black | 100 m |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.125 Revision Date: 09-02-2019 |
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