



**Product:** [70047](#)

Speaker Cable LSZH 4x2.5mm<sup>2</sup>, CPR Dca.

### Product Description

Speaker Cable, 4 Conductor 2.5mm<sup>2</sup> (50 x 0.25mm) Oxygen-Free Bare Copper (High Conductivity), LSZH Insulation, LSZH Jacket, Flexible, CPR Euroclass Dca.

### 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 mm <sup>2</sup> | 50x0.25 mm         |

|                  |   |
|------------------|---|
| Conductor Count: | 4 |
|------------------|---|

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

##### Outer Jacket

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

|                            |             |
|----------------------------|-------------|
| Min Insulation Resistance: | 200 MOhm*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. Pull Tension: | 700 N |
|--------------------|-------|

## Standards

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

## Applicable Environmental and Other Programs

|                      |                        |
|----------------------|------------------------|
| Environmental Space: | Indoor - Euroclass Dca |
|----------------------|------------------------|

## Flammability, LSOH, Toxicity Testing

|                               |               |
|-------------------------------|---------------|
| IEC Flammability:             | IEC 60332-1-2 |
| LOI of Jacket:                | Min. 34 %     |
| IEC 60754-1 - Halogen Amount: | Zero          |

## Part Number

### Variants

| Item #      | Color | Put-Up Type | Length | EAN           |
|-------------|-------|-------------|--------|---------------|
| 70047.00100 | Black | Reel        | 100 m  | 8719605142429 |
| 70047.00500 | Black | Reel        | 500 m  | 8719605009913 |

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.167 Revision Date: 10-12-2021 |
|----------------------|--|

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