



**Product:** [BE46381](#)

Speaker Cable PVC 2x2.5mm<sup>2</sup>, CPR Eca.

## Product Description

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

## Technical Specifications

### Product Overview

|                        |               |
|------------------------|---------------|
| Suitable Applications: | Speaker cable |
|------------------------|---------------|

### Physical Characteristics (Overall)

#### Conductor

| Stranding | Material         | Cross Section        | Construction n x D |
|-----------|------------------|----------------------|--------------------|
| Stranded  | BC - Bare Copper | 2.50 mm <sup>2</sup> | 50x0.25 mm         |

|                  |   |
|------------------|---|
| Conductor Count: | 2 |
|------------------|---|

#### Insulation

| Type       | Material                 | Nominal Diameter | Diameter +/- Tolerance |
|------------|--------------------------|------------------|------------------------|
| Insulation | PVC - Polyvinyl Chloride | 2.90 mm          | 0.07 mm                |

#### Color Chart

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

#### Outer Jacket

| Material                 | Nominal Diameter | Diameter +/- Tolerance |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 8.05 mm          | 0.10 mm                |

|              |                              |
|--------------|------------------------------|
| Table Notes: | Flexible Matte Finish Sheath |
|--------------|------------------------------|

### Construction and Dimensions

#### Cabling

| Description     |
|-----------------|
| 2 wires twisted |

### Electrical Characteristics

#### Conductor DCR

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

#### Voltage

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

### Temperature Range

|                            |                |
|----------------------------|----------------|
| Storage Temperature Range: | -15°C To +60°C |
| Other Temp Range:          | -5 to +60 °C   |

## Standards

|                |     |
|----------------|-----|
| CPR Euroclass: | Eca |
|----------------|-----|

## Applicable Environmental and Other Programs

|                      |                        |
|----------------------|------------------------|
| Environmental Space: | Indoor - Euroclass Eca |
|----------------------|------------------------|

## Flammability, LSOH, Toxicity Testing

|                   |               |
|-------------------|---------------|
| IEC Flammability: | IEC 60332-1-2 |
|-------------------|---------------|

## Related Part Numbers

### Variants

| Item #         | Color | Put-Up Type | Length  | EAN           |
|----------------|-------|-------------|---------|---------------|
| BE46381.01100  | Black | Reel        | 100 m   | 8719605027504 |
| BE46381.01500  | Black | Reel        | 500 m   | 8719605027528 |
| BE46381.011000 | Black | Reel        | 1,000 m | 8719605027511 |

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.154 Revision Date: 02-03-2025 |
|----------------------|--|

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