



**Product:** [4300UE](#)

**AUDIO 2x18AWG LSZH**

## Product Description

AUDIO 2x18AWG/0.75mm<sup>2</sup> LSZH

## Technical Specifications

### Product Overview

|                        |                         |
|------------------------|-------------------------|
| Environmental Space:   | Indoor - Euroclass Eca  |
| Suitable Applications: | Commercial applications |

### Physical Characteristics (Overall)

#### Conductor

| AWG | Stranding | Material         | Nominal Diameter | No. of Conductors |
|-----|-----------|------------------|------------------|-------------------|
| 18  | 7x26      | BC - Bare Copper | 1.22 mm          | 2                 |

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

#### Insulation

| Type       | Material           | Nominal Diameter | Diameter +/- Tolerance | Nominal Wall Thickness |
|------------|--------------------|------------------|------------------------|------------------------|
| Insulation | PP - Polypropylene | 1.5 mm           | 0.05 mm                | 0.2 mm                 |

#### Color Chart

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

#### Outer Jacket Material

| Material    | Nominal Diameter | Nominal Wall Thickness | Ripcord                   |
|-------------|------------------|------------------------|---------------------------|
| LSZH / FRNC | 4 mm             | 0.4 mm                 | Provided under the sheath |

### Construction and Dimensions

#### Cabling

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

### Electrical Characteristics

#### Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 21.3 Ohm/km           |

#### Capacitance

| Nom. Capacitance Conductor to Conductor |
|---|
| 100 pF/m                                |

#### Current

| Max. Recommended Current [A] |
|------------------------------|
|                              |

|     |
|-----|
| 5 A |
|-----|

#### Voltage

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

|       |
|-------|
| 300 V |
|-------|

#### Temperature Range

|                          |                |
|--------------------------|----------------|
| Installation Temp Range: | -20°C To +70°C |
| Storage Temp Range:      | -30°C To +70°C |
| Operating Temp Range:    | -20°C To +70°C |

#### Mechanical Characteristics

|                                      |       |
|--------------------------------------|-------|
| Max Recommended Pulling Tension:     | 20 N  |
| Min Bend Radius During Installation: | 40 mm |
| Min Setting Radius:                  | 20 mm |

#### Standards

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

#### Applicable Environmental and Other Programs

|                                       |            |
|---------------------------------------|------------|
| EU RoHS Compliance Date (yyyy-mm-dd): | 1998-01-01 |
|---------------------------------------|------------|

#### Flammability, LS0H, Toxicity Testing

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

#### Part Number

#### Variants

| Item #        | Color | Length  |
|---------------|-------|---------|
| 4300UE.00100  | Gray  | 100 m   |
| 4300UE.00500  | Gray  | 500 m   |
| 4300UE.K0500  | Gray  | 500 m   |
| 4300UE.011000 | White | 1,000 m |
| 4300UE.01500  | White | 500 m   |

#### History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.160 Revision Date: 02-14-2020 |
|----------------------|--|

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