



**Part Number: 4200UE**  
**AUDIO 2x16AWG LSZH**

**Product Description**

AUDIO 2x16AWG/1.5mm<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 |
|-----|-----------|------------------|------------------|-------------------|
| 16  | 19x29     | BC - Bare Copper | 1.5 mm           | 2                 |

|                  |        |
|------------------|--------|
| Conductor Count: | 2      |
| Conductor Size:  | 16 AWG |

**Insulation**

| Type       | Material           | Nominal Diameter | Diameter +/- Tolerance | Nominal Wall Thickness |
|------------|--------------------|------------------|------------------------|------------------------|
| Insulation | PP - Polypropylene | 1.8 mm           | 0.05 mm                | 0.2 mm                 |

**Color Chart**

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

**Outer Jacket Material**

| Material    | Color | Nominal Diameter | Nominal Wall Thickness | Ripcord                   |
|-------------|-------|------------------|------------------------|---------------------------|
| LSZH / FRNC | Gray  | 4.6 mm           | 0.4 mm                 | Provided under the sheath |

**Construction and Dimensions**

**Cabling**

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

**Electrical Characteristics**

**Conductor DCR**

| Nominal Conductor DCR |
|-----------------------|
| 13.8 Ohm/km           |

**Capacitance**

| Nom. Capacitance Conductor to Conductor |
|---|
| 105 pF/m                                |

**Current**

**Max. Recommended Current [A]**

6.25 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:     | 25 N  |
| Min Bend Radius During Installation: | 46 mm |
| Min Setting Radius:                  | 23 mm |

**Standards**

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

**Applicable Environmental and Other Programs**

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

**Flammability, LSOH, Toxicity Testing**

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

**Part Number****Variants**

| Item #        | Color          |
|---------------|----------------|
| 4200UE.00100  | Gray, RAL 7032 |
| 4200UE.00500  | Gray, RAL 7032 |
| 4200UE.001000 | Gray, RAL 7032 |
| 4200UE.011000 | White          |
| 4200UE.01500  | White          |

**History**

|                  |   |
|------------------|---|
| Revision Number: | 6 |
|------------------|---|

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