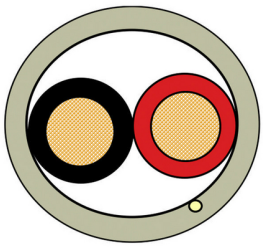
BELDEN
SENDING ALL THE RIGHT SIGNALS



# Part Number: 4200UE

AUDIO 2x16AWG LSZH

## Product Description

AUDIO 2x16AWG/1.5mm² 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 |

| | |
|---|---|
| Shielding: | Unshielded |

**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, LS0H, 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 |

© 2018 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.