



Part Number: 4100UE
AUDIO 2x14AWG LSZH

Product Description

AUDIO 2x14AWG 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 |
|-----|-----------|------------------|------------------|-------------------|
| 14 | 19x27 | BC - Bare Copper | 1.8 mm | 2 |

| | |
|------------------|--------|
| Conductor Count: | 2 |
| Conductor Size: | 14 AWG |

Insulation

| Type | Material | Nominal Diameter | Diameter +/- Tolerance | Nominal Wall Thickness |
|------------|--------------------|------------------|------------------------|------------------------|
| Insulation | PP - Polypropylene | 2.34 mm | 0.05 mm | 0.28 mm |

Color Chart

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

Outer Jacket Material

| Material | Color | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|-------------|-------|------------------|------------------------|---------------------------|
| LSZH / FRNC | Gray | 5.55 mm | 0.4 mm | Provided under the sheath |

Construction and Dimensions

Cabling

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

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 8.3 Ohm/km |

Capacitance

| Nom. Capacitance Conductor to Conductor |
|---|
| 270 pF/m |

Current

Max. Recommended Current [A]

8 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: | 60 N |
| Min Bend Radius During Installation: | 55.5 mm |
| Min Setting Radius: | 27.75 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 |
|--------------|-------|
| 4100UE.00100 | Gray |
| 4100UE.00500 | Gray |
| 4100UE.01500 | White |

History

| | |
|------------------|---|
| Revision Number: | 5 |
|------------------|---|

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