



Product: [4302UE](#)

Commercial Applications

Product Description

Security & Commercial Audio Cable, 4-18 AWG stranded bare copper conductors with polyolefin insulation, LSZH jacket with ripcord

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 | 4 |

| | |
|------------------|---|
| Conductor Count: | 4 |
|------------------|---|

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 |
| Wire 3 | White |
| Wire 4 | Green |

Outer Jacket Material

| Material | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|-------------|------------------|------------------------|---------------------------|
| LSZH / FRNC | 4.7 mm | 0.4 mm | Provided under the sheath |

Construction and Dimensions

Cabling

| Description |
|-----------------|
| 4 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] |
| 4 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: | 40 N |
| Min Bend Radius During Installation: | 47 mm |
| Min Setting Radius: | 23.5 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 60332-1-2 |
| Amount of Halogen acc. to IEC 60754-1 & EN50267-1: | Zero |

Part Number

Variants

| Item # | Color | Length |
|--------------|-------|--------|
| 4302UE.00100 | Gray | 100 m |
| 4302UE.00500 | Gray | 500 m |
| 4302UE.K0500 | Gray | 500 m |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.150 Revision Date: 02-14-2020 |
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