



REPRESENTATIVE IMAGE

Product: [4200UE](#)

Security & Sound, 2 Conductor 16 AWG BC, LSZH, Eca

Product Description

Security & Commercial Audio Cable, 2-16 AWG stranded bare copper conductors with polypropylene insulation, LSZH jacket with ripcord, CPR Eca

Technical Specifications

Product Overview

| | |
|------------------------|--|
| Suitable Applications: | Intercom/PA Systems, Sound/Audio Systems |
|------------------------|--|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | Nominal Diameter | No. of Conductors |
|-----|-----------|------------------|------------------|-------------------|
| 16 | 19x29 | BC - Bare Copper | 1.5 mm | 2 |

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

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 | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|---|------------------|------------------------|---------------------------|
| LSZH - Low Smoke Zero Halogen (Flame Retardant) | 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 Amps per Conductor |

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. Pull Tension: | 150 N |
| Min Bend Radius During Installation: | 46 mm |
| Min Setting Radius: | 23 mm |

Standards

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

Applicable Environmental and Other Programs

| | |
|---------------------------------------|------------------------|
| Environmental Space: | Indoor - Euroclass Eca |
| EU RoHS Compliance Date (yyyy-mm-dd): | 1998-01-01 |

Flammability, LSOH, Toxicity Testing

| | |
|--|---------------|
| IEC Flammability: | IEC 60332-1-2 |
| IEC 60754-1 (EN50267-1)- Halogen Amount: | Zero |
| IEC 60754-2 (EN50267-2)- Halogen Acid Gas Amount - Max. Conductivity: | 2.5 µS/mm |
| IEC 60754-2 (EN50267-2)- Halogen Acid Gas Amount - Min. pH: | 4.3 |
| IEC 61034-2 (EN 61034-2) (VDE 0482-1034) - Smoke Density Min. Transmittance: | IEC 61034-2 |

Part Number

Variants

| Item # | Color | Putup Type | Length | EAN |
|---------------|-------|------------|---------|---------------|
| 4200UE.00100 | Gray | Reel | 100 m | 8719605006332 |
| 4200UE.00500 | Gray | Reel | 500 m | 8719605006356 |
| 4200UE.001000 | Gray | Reel | 1,000 m | 8719605006349 |
| 4200UE.01500 | White | Reel | 500 m | 8719605144058 |
| 4200UE.011000 | White | Reel | 1,000 m | 8719605006363 |

History

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| Update and Revision: | Revision Number: 0.212 Revision Date: 10-06-2020 |
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