


# Product: 4100ULW

Security & Sound, 2 Conductor 14 AWG BC, LSZH, Cca

## Product Description

Security & Commercial Audio Cable, 2-14 AWG stranded bare copper conductors with Low Smoke Zero Halogen insulation, LSZH jacket with ripcord, CPR Cca

## Technical Specifications

### Product Overview

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

### Construction Details

**Conductor**

| Size | Stranding | Material |
|---|---|---|
| 14 | 19x27 | BC - Bare Copper |

**Insulation**

| Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|---|---|---|---|
| LSZH - Low Smoke Zero Halogen (Flame Retardant) | 0.28 mm (0.011 in) | 2.35 mm (0.0925 in) | Black, White |

**Outer Jacket**

| Material | Nom. Thickness | Nom. Diameter | Ripcord |
|---|---|---|---|
| LSZH - Low Smoke Zero Halogen (Flame Retardant) | 1.1 mm (0.043 in) | 6.75 mm (0.266 in) | Yes |

| | |
|---|---|
| Outer Jacket1 Table Notes: | Ripcord provided under sheath |

### Electrical Characteristics

**Electricals**

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current |
|---|---|---|
| 8.3 Ohm/km (2.5 Ohm/1000ft) | 130 pF/m (40 pF/ft) | 8 A |

### Mechanical Characteristics

**Temperature**

| Operating | Installation | Storage |
|---|---|---|
| -20°C To +70°C | -20°C To +70°C | -30°C To +70°C |

**Bend Radius**

| Installation Min. |
|---|
| 68 mm (2.7 in) |

| | |
|---|---|
| Max. Pull Tension: | 200 N (45 lbf) |

### Standards and Compliance

| | |
|---|---|
| Environmental Suitability: | Indoor/Outdoor - Euroclass Cca, Indoor, Outdoor, Non-Halogenated, Sunlight Resistance - UL 1581 sec 1200 Black Only |
| Flammability / Reaction to Fire: | IEC 60332-1-2 |
| CPR Compliance: | CPR Euroclass: Cca-s1a,d1,a1 |

| | |
|---|---|
| European Halogen Free Standards: | IEC 62821-1 Halogen Free Compliance = Yes, IEC 60754-1 - Halogen Amount = Zero, IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity = 2.5 µS/mm, IEC 60754-2 - Halogen Acid Gas Amount - Min. pH = 4.3, IEC 61034-2 - Smoke Density Min. Transmittance = 80% |

## History

| | |
|---|---|
| Update and Revision: | Revision Number: 0.185 Revision Date: 03-09-2026 |

## Part Numbers

**Variants**

| Item # | Color | Putup Type | Length | EAN |
|---|---|---|---|---|
| 4100ULW.00500 | Gray | Reel | 500 m | 8719605179913 |
| 4100ULW.02305 | Orange | Reel | 305 m | 8719605232397 |
| 4100ULW.02500 | Orange | Reel | 500 m | 8719605230782 |
| 4100ULW.01305 | White | Reel | 305 m | 8719605232595 |

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