



Product: [4100ULW](#)

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



REPRESENTATIVE IMAGE

### 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
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#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
14	19x27	BC - Bare Copper	2.35 mm	2

Conductor Count:	2
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##### Insulation

Type	Material	Nominal Diameter	Diameter +/- Tolerance	Nominal Wall Thickness
Insulation	LSZH - Low Smoke Zero Halogen (Flame Retardant)	2.35 mm	0.05 mm	0.28 mm

##### Color Chart

Number	Color
Wire 1	Black
Wire 2	White

##### Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	6.75 mm	1.1 mm	Yes

Table Notes:	Ripcord provided under sheath
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#### 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
130 pF/m

##### Current

**Max. Recommended Current [A]**

8 A

**Voltage****Voltage Rating [V]**

300 V

**Temperature Range**

Installation Temperature Range:	-20°C To +70°C
Storage Temperature Range:	-30°C To +70°C
Operating Temperature Range:	-20°C To +70°C

**Mechanical Characteristics**

Max. Pull Tension:	200 N
Min. Bend Radius During Installation:	68 mm
Min Setting Radius:	34 mm

**Standards**

CPR Euroclass:	Cca-s1a,d1,a1
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**Applicable Environmental and Other Programs**

Environmental Space:	Indoor - Euroclass Cca
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**Suitability**

Suitability - Indoor:	Yes
Suitability - Non-Halogenated:	Yes

**Flammability, LS0H, Toxicity Testing**

IEC Flammability:	IEC 60332-1-2
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%

**Related Part Numbers****Variants**

Item #	Color	Put-Up Type	Length	EAN
4100ULW.02500				
4100ULW.00500	Gray	Reel	500 m	8719605179913

**History**

Update and Revision:	Revision Number: 0.149 Revision Date: 03-04-2025
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