



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
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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

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			

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 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: 0.106 Revision Date: 06-28-2024
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