



**Product:** [4304ULW](#)

Security & Sound, 6 Conductor 18 AWG BC, LSZH, Cca

Product Description

Security & Commercial Audio Cable, 6-18 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, Control Systems
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Physical Characteristics (Overall)

Conductor				
AWG	Stranding	Material	Nominal Diameter	No. of Conductors
18	7x26	BC - Bare Copper	1.22 mm	6
Conductor Count:				6

Insulation			
Material	Nominal Diameter	Diameter +/- Tolerance	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen (Flame Retardant)	1.72 mm	0.05 mm	0.25 mm

Color Chart

Color
Black
Red
White
Green
Brown
Blue

Outer Jacket		
Material	Nominal Diameter	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen (Flame Retardant)	7.3 mm	1 mm

Electrical Characteristics

Conductor DCR	
Nominal Conductor DCR	21.3 Ohm/km

Capacitance	
Nom. Capacitance Conductor to Conductor	100 pF/m

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:	240 N
Min. Bend Radius During Installation:	73 mm
Min Setting Radius:	36 mm

Standards

CPR Euroclass:	Cca-s1,d1,a1
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Applicable Environmental and Other Programs

Environmental Space:	Indoor - Euroclass Cca
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Flammability, LSOH, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
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:	60%

Related Part Numbers

Variants

Item #
4304ULW.00500

History

Update and Revision:	Revision Number: 0.24 Revision Date: 02-05-2025
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