



Product: 4302ULW ☑

Security & Sound, 4 Conductor 18 AWG BC, BC, LSZH, Cca

Product Description

Security & Commercial Audio Cable, 4-18 AWG stranded bare copper conductors with Low Smoke Zero Halogen insulation, LSZH jacket with ripcord, Cca

Technical Specifications

Product Overview

Suitable Applications:				Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls				
Physical Characteristics (Overall)								
Conductor								
AWG	Strand	ng Material	Nominal Diameter	No.	of Conductors			
18	7x26	BC - Bare Copper	1.22 mm	4				
Conductor Count:			4					
Insulation								
Тур	е	Material		Nominal Diame	ter	Diameter +/- Tolerance	Nominal Wall Thickness	
Insulat		n LSZH - Low Smoke Zero Halogen (Flame Retardant)			1.72 mm		0.05 mm	0.25 mm

Color Chart

Number	Color
Wire 1	Black
Wire 2	Red
Wire 3	White
Wire 4	Green

Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen (Flame Retardant)	6.4 mm	1.1 mm

Construction and Dimensions

Cabling Description 4 wires twisted

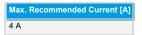
Electrical Characteristics

Conductor DCR Nominal Conductor DCR 21.3 Ohm/km

Capacitance

Nom. Capacitance Conductor to Conductor 100 pF/m

Current



Voltage



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:	180 N
Min. Bend Radius During Installation:	64 mm
Min Setting Radius:	32 mm

Standards

CPR Euroclass:	Cca-s1a,d1,a1

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Euroclass Cca

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	
4302ULW.00500	Gray	Reel	500 m	8719605177728	

History

Update and Revision:	Revision Number: 0.133 Revision Date: 03-04-2025

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