



Product: 4302ULW ☑

Security & Sound, #18-4c, 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	n, Intercom/PA, Audio/Speaker, Power-Limited Control		
Physical Characteristics (Overall)						
Conductor						
AWG	Stranding	Material	Nominal Diameter	No.	of Conductors	
18	7x26	BC - Bare Copper	1.22 mm	4		
Conductor Count:				4		

Type	Material	Nominal Diameter	Diameter +/- Tolerance	Nominal Wall Thickness
Insulation	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**

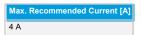
### **Conductor DCR**

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: 0.51 Revision Date: 08-24-2023

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