



Product: 4302UE ☑

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

# **Product Description**

Security & Commercial Audio Cable, 4-18 AWG stranded bare copper conductors with polypropylene insulation, LSZH jacket with ripcord, CPR Eca

## **Technical Specifications**

#### **Product Overview**

Prout	Product Overview									
Suitab	Suitable Applications:					Security System	n, Intercom/PA, A	\udio/Speak	er, Power-Limited Con	trols
Physi	Physical Characteristics (Overall)									
Conduc	ctor									
AWG	Strandir	ng Materi	al	Nominal Dia	meter	No. of Conductor	rs			
18	7x26	BC - Bare 0	Copper	1.22 mm		4				
Condu	Conductor Count:				4					
Insulati	Insulation									
Тур	е	Material	Nomi	nal Diameter	Diame	ter +/- Tolerance	Nominal Wall 1	Thickness		
Insulat	Insulation PP - Polypropylene 1.5 mm 0.05 mm		m	0.2 mm						
Color Chart										

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

#### **Outer Jacket**

	Material		al Diameter	Nominal Wall Thickness	Ripcord
	LSZH - Low Smoke Zero Halogen (Flame Retardant)	4.7 mm		0.4 mm	Yes
Table Notes:			Ripcord pro	ovided under sheath	

### **Construction and Dimensions**

### Cabling

Description
4 wires twisted

## **Electrical Characteristics**

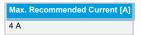
## Conductor DCR

Nominal Conductor DCR 21.3 Ohm/km

## Capacitance

Nom. Capacitance Conductor to Conductor 70 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:	47 mm
Min Setting Radius:	23.5 mm

### **Standards**

CPR Euroclass:	Eca	

## **Applicable Environmental and Other Programs**

Environmental Space:	Indoor - Euroclass Eca

## 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:	60%

#### **Related Part Numbers**

## Variants

Item #	Color	Put-Up Type	Length	EAN
4302UE.00100	Gray	Reel	100 m	8719605006646
4302UE.00500	Gray, RAL 7032	Reel	500 m	8719605006653

## History

Update and Revision:	Revision Number: 0.294 Revision Date: 03-04-2025

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