



Product: 4202UE ☑

Security & Sound, 4 Conductor 16 AWG BC, LSZH, Eca

# **Product Description**

Security & Commercial Audio Cable, 4-16 AWG stranded bare copper conductors with polypropylene insulation, LSZH jacket with ripcord, CPR Eca

## **Technical Specifications**

#### Product Overview

Produ	ict Overv	view					
Suitable Applications:					Intercom/PA Sy	stems, Sound/Audio System	s, Control S
Physi	cal Char	acteristic	s (Overall)				
onduc	tor						
AWG	Stranding	Materia	al Nomin	al Diameter	No. of Conducto	rs	
16	19x29	BC - Bare C	Copper 1.5 mm	1	4		
Conduc	ctor Count:				4		
nsulatio		aterial	Nominal Dian	neter Diame	eter +/- Tolerance	Nominal Wall Thickness	
Insulati	ion PP - Po	olypropylene	1.8 mm	0.05 n	nm	0.2 mm	
Number 1	Color Black						
Wire 2 Wire 3	Red White						

# Outer Jacket

Green

Wire 4

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

#### **Construction and Dimensions**

#### Cabling

Description
4 wires twisted

### **Electrical Characteristics**

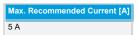
### Conductor DCR

Nominal Conductor DCR 13.8 Ohm/km

## Capacitance

Nom. Capacitance Conductor to Conductor 85 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:	240 N
Min. Bend Radius During Installation:	53.5 mm
Min Setting Radius:	26.75 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
4202UE.00100	Gray	Reel	100 m	8719605006462
4202UE.00500	Gray	Reel	500 m	8719605006479

### History

Update and Revision:	Revision Number: 0.291 Revision Date: 03-04-2025

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