



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**

Product Overview							
Suitable Applications:						Security System, Inter	rcom/PA, Audio/Speaker, Power-Limited Co
Physical Characteristics (Overall)							
`	4						
Conduc						•	
AWG	Stranding	Material	Nominal Dia	ameter I	No. of Conductor		
18	7x26	BC - Bare Cop	per 1.22 mm	4	1		
Conductor Count: 4							
nsulation							
Туре	M	aterial No	ominal Diameter	Diamet	er +/- Tolerance	Nominal Wall Thickness	
Insulati		olypropylene 1.		0.05 mr		0.2 mm	

#### **Color Chart**

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

#### **Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	4.7 mm	0.4 mm	Provided under the sheath

# **Construction and Dimensions**

#### Cabling

Description
4 wires twisted

# **Electrical Characteristics**

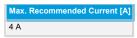
# Conductor DCR

Nominal Conductor DCR 21.3 Ohm/km

### Capacitance

Nom. Capacitance Conductor to Conductor 100 pF/m

Current



#### Voltage

Voltage Rating [V]

#### **Temperature Range**

Installation Temp Range:	-20°C To +70°C
Storage Temp Range:	-30°C To +70°C
Operating Temp Range:	-20°C To +70°C

#### **Mechanical Characteristics**

Max. Pull Tension:	40 N
Min Bend Radius During Installation:	47 mm
Min Setting Radius:	23.5 mm

#### **Standards**

CDB Europlass:	Eca	
CFR Eurociass.	Eca	

#### **Applicable Environmental and Other Programs**

Environmental Space:	Indoor - Euroclass Eca
EU RoHS Compliance Date (yyyy-mm-dd):	1998-01-01

#### Flammability, LS0H, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
IEC 60754-1 (EN50267-1)- Halogen Amount:	Zero
IEC 60754-2 (EN50267-2)- Halogen Acid Gas Amount - Max. Conductivity:	2.5 μS/mm
IEC 60754-2 (EN50267-2)- Halogen Acid Gas Amount - Min. pH:	4.3
IEC 61034-2 (EN 61034-2) (VDE 0482-1034) - Smoke Density Min. Transmittance:	60%

## **Part Number**

### Variants

Item #	Color	Putup Type	Length	EAN
4302UE.00100	Gray	Reel	100 m	8719605006646
4302UE.00500	Gray	Reel	500 m	8719605006653

# **History**

Update and Revision:	Revision Number: 0.171 Revision Date: 12-18-2020

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