



**Product:** [4501UE](#)

Security & Sound, 3 Conductor 22 AWG BC, LSZH, Eca

## Product Description

Security & Commercial Audio Cable, 3-22 AWG stranded bare copper conductors with polypropylene insulation, LSZH jacket with ripcord, CPR Eca

## Technical Specifications

### Product Overview

Suitable Applications:	Commercial applications
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### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
22	7x30	BC - Bare Copper	0.75 mm	3

Conductor Count:	3
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#### Insulation

Type	Material	Nominal Diameter	Diameter +/- Tolerance	Nominal Wall Thickness
Insulation	PP - Polypropylene	1.07 mm	0.05 mm	0.2 mm

#### Color Chart

Number	Color
Wire 1	Black
Wire 2	Red
Wire 3	White

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	3.3 mm	0.4 mm	Provided under the sheath

### Construction and Dimensions

#### Cabling

Description
3 wires twisted

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
53 Ohm/km

#### Capacitance

Nom. Capacitance Conductor to Conductor
80 pF/m

#### Current

Max. Recommended Current [A]

2.8 Amps per Conductor

## Voltage

### Voltage Rating [V]

300 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:	50 N
Min Bend Radius During Installation:	33 mm
Min Setting Radius:	16.5 mm

## Standards

CPR Euroclass:	Eca
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## Applicable Environmental and Other Programs

Environmental Space:	Indoor - Euroclass Eca
EU RoHS Compliance Date (yyyy-mm-dd):	2005-01-01

## Flammability, LSOH, 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
4501UE.00500	Gray	Reel	500 m	8719605007117

## History

Update and Revision:	Revision Number: 0.183 Revision Date: 12-18-2020
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