



**Product:** [4500UE](#)

Security & Sound, 2 Conductor 22 AWG BC, LSZH, Eca

### Product Description

Security & Commercial Audio Cable, 2-22 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	2

Conductor Count:	2
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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

##### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	3.15 mm	0.4 mm	Provided under the sheath

#### Construction and Dimensions

##### Cabling

Description
2 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:	25 N
Min Bend Radius During Installation:	31.5 mm
Min Setting Radius:	15.75 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):	1998-01-01

## 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
4500UE.00100	Gray	Reel	100 m	8719605007070
4500UE.00500	Gray	Reel	500 m	8719605007087
4500UE.K0500	Gray	Reel	500 m	8719605187178

## History

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