



Product: [4500UE](#)

Commercial Applications

Product Description

Security & Commercial Audio Cable, 2-22 AWG stranded bare copper conductors with polyolefin insulation, LSZH jacket with ripcord

Technical Specifications

Product Overview

Environmental Space:	Indoor - Euroclass Eca
Suitable Applications:	Commercial applications

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 / FRNC	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 A

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 Recommended Pulling 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

EU RoHS Compliance Date (yyyy-mm-dd):	1998-01-01
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Flammability, LS0H, Toxicity Testing

ISO/IEC Flammability:	IEC 60332-1-2
Amount of Halogen acc. to IEC 60754-1 & EN50267-1:	Zero

Part Number

Variants

Item #	Color	Length
4500UE.00100	Gray	100 m
4500UE.00500	Gray	500 m

History

Update and Revision:	Revision Number: 0.149 Revision Date: 02-14-2020
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