

Product: [4400UE](#) 

Security & Sound, 2 Conductor 20 AWG BC, LSZH



REPRESENTATIVE IMAGE

Product Description

Security & Commercial Audio Cable, 2-20 AWG stranded bare copper conductors with polypropylene insulation, LSZH jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
20	7x28	BC - Bare Copper	0.96 mm	1

Conductor Count:	2
Total Number of Pairs:	1

Insulation

Material	Nominal Diameter	Diameter +/- Tolerance	Nominal Wall Thickness
PE - Polyethylene	1.27 mm	0.05 mm	0.2 mm

Color Chart

Number	Color
Pair 1	Black & Red

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	3.6 mm	0.4 mm	Provided under sheath

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
34 Ohm/km

Capacitance

Nom. Capacitance Conductor to Conductor
61 pF/m

Current

Element	Max. Recommended Current [A]
Conductor	3.75 Amps per Conductor

## Voltage

Voltage Rating [V]
300 V

## Temperature Range

Storage Temp Range:	-30°C to +70°C
Operating Temp Range (Fixed Install):	-20°C To +70°C

## Mechanical Characteristics

Max. Pull Tension:	45 N
Min Bend Radius During Installation:	18 mm
Min Setting Radius:	36 mm

## Applicable Environmental and Other Programs

Environmental Space:	Indoor
EU RoHS Compliance Date (yyyy-mm-dd):	2013-10-01

## 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%

## Part Number

### Variants

Item #	Color	Putup Type	Length	EAN
4400UE.00500	Gray	Reel	500 m	8719605006936

## History

Update and Revision:	Revision Number: 0.207 Revision Date: 05-04-2021
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