



REPRESENTATIVE IMAGE

**Product:** [4400ULW](#)

Security & Sound, 2 Conductor 20 AWG BC, LSZH, Cca

## Product Description

Security & Commercial Audio Cable, 2-20 AWG stranded bare copper conductors with Low Smoke Zero Halogen insulation, LSZH jacket with ripcord, CPR Cca

## Technical Specifications

### Product Overview

Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems, Control 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
LSZH - Low Smoke Zero Halogen (Flame Retardant)	1.60 mm	0.05 mm	0.3 mm

#### Outer Shield

<b>Material</b>
No Shield

#### Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	5.4 mm	1.1 mm	Yes

### Electrical Characteristics

#### Conductor DCR

<b>Nominal Conductor DCR</b>
34 Ohm/km

#### Capacitance

<b>Nom. Capacitance Conductor to Conductor</b>
65 pF/m

#### Current

<b>Element</b>
Conductor(s)

#### Voltage

<b>Voltage Rating [V]</b>
300 V

## Temperature Range

Storage Temperature Range:	-30°C to +70°C
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## Mechanical Characteristics

Max. Pull Tension:	60 N
Min. Bend Radius During Installation:	54 mm
Min Setting Radius:	27 mm

## Standards

CPR Euroclass:	Cca-s1a,d1,a1
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## Applicable Environmental and Other Programs

Environmental Space:	Indoor - Euroclass Cca
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## Flammability, LSOH, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
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%

## Related Part Numbers

### Variants

Item #
4400ULW.00500

## History

Update and Revision:	Revision Number: 0.17 Revision Date: 06-13-2024
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