



**Product:** [430BULW](#) 

Security & Sound, 20 Conductor 18 AWG BC, LSZH, Cca

## Product Description

Security & Commercial Audio Cable, 20-18 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 Conductors
18	7x26	BC - Bare Copper	1.22 mm	20

Conductor Count:	20
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#### Insulation

Material	Nominal Diameter	Diameter +/- Tolerance	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen (Flame Retardant)	1.72 mm	0.05 mm	0.25 mm

#### Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen (Flame Retardant)	11.0 mm	1.1 mm

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
21.3 Ohm/km

#### Capacitance

Nom. Capacitance Conductor to Conductor
100 pF/m

#### Voltage

Voltage Rating [V]
300 V

### Temperature Range

Installation Temperature Range:	-20°C To +70°C
Storage Temperature Range:	-30°C To +70°C

### Mechanical Characteristics

Max. Pull Tension:	640 N
Min. Bend Radius During Installation:	110 mm
Min Setting Radius:	55 mm

## Standards

CPR Euroclass:	Cca-s1,d1,a1
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## Applicable Environmental and Other Programs

Environmental Space:	Indoor - Euroclass Cca
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## Flammability, LS0H, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity:	2.5 $\mu$ S/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 #
430BULW.00500

## History

Update and Revision:	Revision Number: 0.19 Revision Date: 06-13-2024
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