



Product: [4341FLW](#)

Security & Sound, 2 Pair 18 AWG BC, LSZH, Shielded, Cca

Product Description

Security & Commercial Audio Cable, 2-18 AWG stranded bare copper pairs with Low Smoke Zero Halogen insulation, Beldfoil® shield, 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
18	7x26	BC - Bare Copper	1.22 mm	2
Conductor Count:				4
Total Number of Pairs:				2

Insulation			
Material	Nominal Diameter	Diameter +/- Tolerance	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen (Flame Retardant)	1.72 mm	0.05 mm	0.26 mm

Outer Shield				
Type	Material	Material Trade Name	Coverage [%]	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	AWG24/7

Outer Jacket			
Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	8.10 mm	1.1 mm	Yes

Electrical Characteristics

Conductor DCR	
Nominal Conductor DCR	Nominal Outer Shield DCR
21.3 Ohm/km	22.6 Ohm/km

Capacitance	
Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
125 pF/m	224 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:	160 N
Min. Bend Radius During Installation:	81 mm
Min Setting Radius:	40 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, 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 #
4341FLW.00500

History

Update and Revision:	Revision Number: 0.18 Revision Date: 03-04-2025
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