



Product: 4309UE ☑

Security & Sound, 12 Conductor 18 AWG BC, LSZH

Product Description

Security & Commercial Audio Cable, 12-18 AWG stranded bare copper conductors with polypropylene insulation, LSZH jacket with ripcord

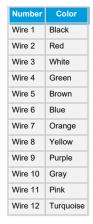
Technical Specifications

Product Overview

Suitable Applications:				Commercial applications			
Physical Characteristics (Overall)							
Conduc	Conductor						
AWG	Stranding	Material	Nominal Diameter	No. of Conductors			
18	7x26	BC - Bare Copper	1.22 mm	12			
Conductor Count:				12			
Insulation							

Type Material		Nominal Diameter	Diameter +/- Tolerance	Nominal Wall Thickness
Insulation	PP - Polypropylene	1.5 mm	0.05 mm	0.2 mm

Color Chart



Outer Jacket

Material	Nomina	l Diameter	Nominal Wall Thickness	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)		1	0.4 mm	Yes
Table Notes:		Ripcord provided under sheath		

Construction and Dimensions

Cabling



Electrical Characteristics

Conductor DCR

Nominal Conductor DCR 21.3 Ohm/km

Capacitance

Nom. Capacitance Conductor to Conductor
100 pF/m

Current

Max. Recommended Current [A] 3.5 Amps per Conductor

Voltage

Voltage Rating [V]

Temperature Range

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

Mechanical Characteristics

Max. Pull Tension:	590 N	
Min. Bend Radius During Installation:	74.5 mm	
Min Setting Radius:	37.25 mm	

Standards

CPR Euroclass:	Eca	

Applicable Environmental and Other Programs

Environmental Space:	Indoor
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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%

Related Part Numbers

Variants

	Item #	Color	Put-Up Type	Length	EAN
	4309UE.00100	Gray	Reel	100 m	8719605006776
ľ	4309UE.00500	Gray	Reel	500 m	8719605006783

History

Update and Revision: Revision Number: 0.214 Revision Date: 08-24-2023

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