




Product: [4102UE](#) 

Security & Sound, 4 Conductor 14 AWG BC, LSZH

Product Description

Security & Commercial Audio Cable, 4-14 AWG stranded (19x27) bare copper conductors with polyolefin insulation, FRNC/LSZH jacket with ripcord.

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
14	19x27	BC - Bare Copper	1.8 mm

Conductor Count:	4
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Insulation

Material	Nominal Diameter	Diameter +/- Tolerance
PP - Polypropylene	2.34 mm	0.05 mm

Color Chart

Number	Color
Wire 1	Black
Wire 2	White
Wire 3	Red
Wire 4	Green

Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	6.8 mm	0.4 mm	Provided under sheath

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
8.3 Ohm/km

Capacitance

Nom. Capacitance Conductor to Conductor
75 pF/m

Current

Max. Recommended Current [A]
8 A

Temperature Range

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

Mechanical Characteristics

Max. Pull Tension:	60 N
Min Bend Radius (W/o Pulling Strength):	34 mm
Min Setting Radius:	68 mm

Standards

CPR Euroclass:	Eca
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Applicable Environmental and Other Programs

Environmental Space:	Indoor - Euroclass Eca
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Flammability, LSOH, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
IEC 60754-1 - Halogen Amount:	Zero
IEC 61034-2 - Smoke Density Min. Transmittance:	60%

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	EAN
4102UE.00305	Gray, RAL 7032	Reel	305 m	8719605006264
4102UE.01300	Orange	Reel	300 m	8719605192479

History

Update and Revision:	Revision Number: 0.157 Revision Date: 04-08-2022
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