


Product: [4542UE](#) 



Security & Sound, 3 Pair 22 AWG BC, LSZH

Product Description

Security & Commercial Audio Cable, 3-22 AWG stranded bare copper pairs with polypropylene insulation, LSZH jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Security Systems, Intercom/PA Systems, Sound/Audio Systems Power-Limited Controls
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
22	7x30	BC - Bare Copper	0.75 mm	3

Conductor Count:	6
Total Number of Pairs:	3

Insulation

Material	Nominal Diameter	Diameter +/- Tolerance	Nominal Wall Thickness
PE - Polyethylene	1.07 mm	0.05 mm	0.2 mm

Color Chart

Number	Color
Pair 1	Black & Red
Pair 2	Black & White
Pair 3	Black & Green

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen (Flame Retardant)	5 mm	0.38 mm

Construction and Dimensions

Cabling

Description
3 pairs twisted to cable core

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
54 Ohm/km

Capacitance

Nom. Capacitance Conductor to Conductor
100 pF/m

Current

Element	Max. Recommended Current [A]
Conductor	2 A

Voltage

Voltage Rating [V]
300 V

Temperature Range

Storage Temp Range:	-30°C to +70°C
Operating Temp Range (Fixed Install):	-20°C To +70°C

Mechanical Characteristics

Max. Pull Tension:	130 N
Min Bend Radius During Installation:	25 mm
Min Setting Radius:	50 mm

Applicable Environmental and Other Programs

Environmental Space:	Indoor
EU RoHS Compliance Date (yyyy-mm-dd):	2013-10-02

Flammability, LS0H, Toxicity Testing

IEC 60754-1 (EN50267-1)- Halogen Amount:	Zero
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Part Number

Variants

Item #	Color	Putup Type	Length	EAN
4542UE.00500	Gray	Reel	500 m	8719605007346

History

Update and Revision:	Revision Number: 0.184 Revision Date: 12-18-2020
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