




Product: [4201UE](#) 

Security & Sound, 3 Conductor 16 AWG BC, LSZH, Eca

Product Description

Security & Commercial Audio Cable, 3-16 AWG stranded bare copper conductors with polypropylene insulation, LSZH jacket with ripcord, CPR Eca

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
16	19x29	BC - Bare Copper	1.5 mm	3

Conductor Count:	3
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Insulation

Type	Material	Nominal Diameter	Diameter +/- Tolerance	Nominal Wall Thickness
Insulation	PP - Polypropylene	1.8 mm	0.05 mm	0.2 mm

Color Chart

Number	Color
Wire 1	Black
Wire 2	Red
Wire 3	White

Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	4.85 mm	0.4 mm	Yes

Table Notes:	Ripcord provided under sheath
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Construction and Dimensions

Cabling

Description
3 wires twisted

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
13.8 Ohm/km

Capacitance

Nom. Capacitance Conductor to Conductor
80 pF/m

Current

Max. Recommended Current [A]

6.25 Amps per Conductor

Voltage**Voltage Rating [V]**

300 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:	230 N
Min. Bend Radius During Installation:	48.5 mm
Min Setting Radius:	24.25 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 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
4201UE.00100	Gray	Reel	100 m	8719605006417
4201UE.00500	Gray	Reel	500 m	8719605006424

History

Update and Revision:	Revision Number: 0.308 Revision Date: 03-04-2025
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