



Product: 4200UE ☑

Security & Sound, 2 Conductor 16 AWG BC, LSZH, Eca

Product Description

Security & Commercial Audio Cable, 2-16 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

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors		4		
16	19x29	BC - Bare Copper	1.5 mm	2				
Condu	ctor Count:			2)	

Insulation

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

Color Chart

Number	Color		
Wire 1	Black		
Wire 2	Red		

Outer Jacket Material

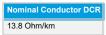
Conductor Count:	2	(0)	♦		
sulation			X		
Type Material Nominal Diam	eter Diameter +/- Tolerance	Nominal Wall Thickne	ess		
nsulation PP - Polypropylene 1.8 mm	0.05 mm	0.2 mm			
olor Chart					
Number Color					
Wire 1 Black			Y(O)		
Wire 2 Red				A	
Outer Jacket Material					
Material	Nominal Diameter No	ominal Wall Thickness	Ripcord	*	
LSZH - Low Smoke Zero Halogen (Flame Retardant)	4.6 mm 0.4	1 mm	Provided under the sheath		
Sanaturation and Dimensions	<u> </u>				
Construction and Dimensions					
abling					
Description					
2 wires twisted					
Electrical Characteristics					SA.
Conductor DCR					•
Nominal Conductor DCR					
13.8 Ohm/km					

Construction and Dimensions

Cabling

Electrical Characteristics

Conductor DCR



Capacitance

Nom. Capacitance Conductor to Conductor 105 pF/m

Current

Max. Recommended Current [A]

Voltage



Temperature Range

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

Mechanical Characteristics

Max. Pull Tension:	150 N
Min Bend Radius During Installation:	46 mm
Min Setting Radius:	23 mm

Standards

	_			
CPR Euroclass:		1		Eca

Applicable Environmental and Other Programs

Environmental Space:	J		Indoor - Euroclass Eca
EU RoHS Compliance Date (yyyy-mm-dd):			1998-01-01

Flammability, LS0H, Toxicity Testing

IEC Flammability	<i>'</i> :				IEC 60332-1	-2				
IEC 60754-1 - Ha	alogen Amount:		Zero							
IEC 60754-2 - Ha	alogen Acid Gas A	mount - Max.	Conductivi	ity:	2.5 μS/mm					
IEC 60754-2 - Ha	alogen Acid Gas A	mount - Min. p	H:		4.3		*			
IEC 61034-2 - Sr	moke Density Min.	Transmittance	e:		60%					
Part Number										
/ariants Item #	Color	Putup Type	Length	EAN				6		
4200UE.00100	Gray, RAL 7032	Reel	100 m	87196050	06332				F 04 202	
4200UE.00500	Gray, RAL 7032	Reel	500 m	87196050	06356					X_
4200UE.001000	Gray, RAL 7032	Reel	1,000 m	87196050	06349				•	
4200UE.01500	White	Reel	500 m	87196051	44058					
	White	Reel	1,000 m	87196050	06363					
4200UE.011000										

Part Number

Variants

	Item #	Color	Putup Type	Length	EAN
	4200UE.00100	Gray, RAL 7032	Reel	100 m	8719605006332
	4200UE.00500	Gray, RAL 7032	Reel	500 m	8719605006356
ĺ	4200UE.001000	Gray, RAL 7032	Reel	1,000 m	8719605006349
ĺ	4200UE.01500	White	Reel	500 m	8719605144058
	4200UE.011000	White	Reel	1,000 m	8719605006363

History

Update and Revision:	Revision Number: 0.252 Revision Date: 05-04-2021

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