

Product: 4300UE

Security & Sound, 2 Conductor 18 AWG BC, LSZH, Eca

Product Description

Security & Commercial Audio Cable, 2-18 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

Construction Details

Conductor

Size	Stranding	Material
18	7x26	BC - Bare Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PP - Polypropylene	0.2 mm (0.0079 in)	1.5 mm (0.059 in)	Black, Red

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.4 mm (0.016 in)	4 mm (0.16 in)	Provided under sheath

Overall Cable Diameter (Nominal):	4 mm (0.16 in)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
21.3 Ohm/km (6.49 Ohm/1000ft)	100 pF/m (30 pF/ft)	5 A

Mechanical Characteristics

Temperature

Operating	Installation	Storage
-20°C To +70°C	-20°C To +70°C	-30°C To +70°C

Bend Radius

Installation Min.
40 mm (1.6 in)

Max. Pull Tension:	90 N (20 lbf)

Standards and Compliance

Environmental Suitability:	Indoor - Euroclass Eca, Non-Halogenated
Flammability / Reaction to Fire:	IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
ISO/IEC Compliance:	IEC 61034-2 - Smoke Density Min Transmittance = 60%
CENELEC Compliance:	EN 50290-2-27

European Halogen Free Standards:	IEC 62821-1 Halogen Free Compliance = Yes, 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
European Directive Compliance:	EU Directive 2011/65/EU (RoHS 2)

History

Update and Revision:	Revision Number: 0.223 Revision Date: 05-06-2022

Part Numbers

Variants

Item #	Color	Putup Type	Length	EAN
4300UE.00100	Gray, RAL 7032	Reel	100 m	8719605006516
4300UE.00500	Gray, RAL 7032	Reel	500 m	8719605006523
4300UE.01500	White	Reel	500 m	8719605144065
4300UE.011000	White	Reel	1,000 m	8719605006530

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