

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, Control Systems

Construction Details

Conductor

Size	Stranding	Material
16	19x29	BC - Bare Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PP - Polypropylene	0.2 mm (0.0079 in)	1.8 mm (0.071 in)	Black, Red

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.4 mm (0.016 in)	4.6 mm (0.18 in)	Yes

Outer Jacket1 Table Notes:	Ripcord provided under sheath
Overall Cable Diameter (Nominal):	4.6 mm (0.18 in)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
13.8 Ohm/km (4.21 Ohm/1000ft)	75 pF/m (23 pF/ft)	6.25 Amps per Conductor

Voltage

Voltage Rating
300 V

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.
46 mm (1.8 in)

Max. Pull Tension:	150 N (34 lbf)

Standards and Compliance

Environmental Suitability:	Indoor - Euroclass Eca, Non-Halogenated
Flammability / Reaction to Fire:	IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
CENELEC Compliance:	EN 50290-2-20
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, IEC 61034-2 - Smoke Density Min. Transmittance = 60%
European Directive Compliance:	EU Directive 2011/65/EU (RoHS 2)
UK Regulation Compliance:	UKCA Mark

History

Update and Revision:	Revision Number: 0.529 Revision Date: 02-20-2026

Part Numbers

Variants

Item #	Color	Putup Type	Length	EAN
4200UE.00305	Gray	Reel	305 m	8719605221490
4200UE.00100	Gray, RAL 7032	Reel	100 m	8719605006332
4200UE.K0100	Gray, RAL 7032	Reel	100 m	8719605006370
4200UE.00500	Gray, RAL 7032	Reel	500 m	8719605006356
4200UE.K0500	Gray, RAL 7032	Reel	500 m	8719605006387
4200UE.001000	Gray, RAL 7032	Reel	1,000 m	8719605006349
4200UE.01500	White	Reel	500 m	8719605144058
4200UE.011000	White	Reel	1,000 m	8719605006363

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