Belden



Product: 4000UE

Life Cycle Status: Capability

Security & Sound, 2 Conductor 12 AWG BC, LSZH, Eca

Product Description

Security & Commercial Audio Cable, 2-12 AWG stranded bare copper conductors with polyolefin insulation, LSZH jacket with ripcord, CPR Eca

Technical Specifications

Product Overview

Suitable Applications:	Commercial applications

Product Life Cycle

Life Cycle:	Capability - the product is not yet standardly available for orders but can be manufactured

Construction Details

Conductor

Size	Stranding	Material
12	19x25	BC - Bare Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PE - Polyethylene	0.35 mm (0.014 in)	3 mm (0.12 in)	Black, White

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.38 mm (0.015 in)	6.8 mm	Yes

Outer Jacket1 Table Notes:	Ripcord provided under sheath

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
5.2 Ohm/km (1.6 Ohm/1000ft)	65 pF/m (20 pF/ft)	12 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.
68 mm

Max. Pull Tension:	400 N (90 lbf)

Standards and Compliance

Environmental Suitability:	Indoor - Euroclass Eca
Flammability / Reaction to Fire:	IEC 60332-1-2

CPR Compliance:	CPR Euroclass: Eca
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%
UK Regulation Compliance:	UKCA Mark

History

Update and Revision:	Revision Number: 0.338 Revision Date: 09-07-2025

Part Numbers

Variants

Item #	Color	Putup Type	Length	EAN
4000UE.00100	Gray	Reel	100 m	8719605006165
4000UE.00500	Gray	Reel	500 m	8719605006172
4000UE.K0500	Gray	Reel	500 m	8719605006189

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