

Product: 4100UE

Security & Sound, 2 Conductor 14 AWG BC, LSZH, Eca

Product Description

Security & Commercial Audio Cable, 2-14 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
14	19x27	BC - Bare Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PP - Polypropylene	0.28 mm (0.011 in)	2.34 mm (0.0921 in)	Black, White

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.4 mm (0.016 in)	5.55 mm (0.219 in)	Yes

Outer Jacket1 Table Notes:	Ripcord provided under sheath
Overall Cable Diameter (Nominal):	5.55 mm (0.219 in)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
8.3 Ohm/km (2.5 Ohm/1000ft)	270 pF/m (82 pF/ft)	8 A

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.
55.5 mm (2.19 in)

Max. Pull Tension:	60 N (13 lbf)

Standards and Compliance

Environmental Suitability:	Indoor - Euroclass Eca, Non-Halogenated
Flammability / Reaction to Fire:	IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca; CPR UKCA Class: 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: 0.329 Revision Date: 02-20-2026

Part Numbers

Variants

Item #	Color	Putup Type	Length	EAN
4100UE.00100	Gray	Reel	100 m	8719605006219
4100UE.00305	Gray	Reel	305 m	8719605221506
4100UE.00500	Gray	Reel	500 m	8719605006226
4100UE.K0500	Gray	Reel	500 m	8719605006240
4100UE.02305	Orange	Reel	305 m	8719605192462
4100UE.02500	Orange	Reel	500 m	8719605192455
4100UE.01500	White	Reel	500 m	8719605006233

© 2026 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.