Belden



Product: 4202ULW

Security & Sound, 4 Conductor 16 AWG BC, LSZH, Cca

Product Description

Security & Commercial Audio Cable, 4-16 AWG stranded bare copper conductors with Low Smoke Zero Halogen insulation, LSZH jacket with ripcord, CPR Cca

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
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.2 mm (0.0079 in)	1.85 mm (0.0728 in)

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	1.1 mm (0.043 in)	6.8 mm (0.27 in)	Yes

Outer Jacket1 Table Notes:	Ripcord provided under sheath

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond
13.8 Ohm/km (4.21 Ohm/1000ft)	105 pF/m (32.0 pF/ft)

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 (2.7 in)

Max. Pull Tension:	260 N (58 lbf)

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor - Euroclass Cca, Indoor, Outdoor, Non-Halogenated, Sunlight Resistance - UL 1581 sec 1200 Black Only
Flammability / Reaction to Fire:	IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Cca-s1,d1,a1

European Halogen Free Standards:	IEC 62821-1 Halogen Free Compliance = Yes, 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%

History

Update and Revision:	Revision Number: 0.30 Revision Date: 03-09-2026

Part Numbers

Variants

Item #	Color	Putup Type	Length	EAN
4202ULW.00500	Gray	Reel	500 m	8719605214386

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