



Product: [5202U2](#)

Security & Sound, #16-4c BC, CL3, FPL, PLTC, Water-Blocked Direct Burial

Product Description
Security & Sound Cable, Rated-CL3, 4-16 AWG PVC-Nylon insulation, Waterblocking tape, PVC jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls, Wet Location, Direct Burial
------------------------	--

Construction Details

Conductor				
Element	No. of Elements	Size	Stranding	Material
Conductor(s)	4	16 AWG	19x29	BC - Bare Copper

Insulation		
Material	Nom. Thickness	Color Code
PVC/Nylon - Polyvinyl Chloride + Nylon	.020 in (0.51 mm)	Black, Red, Blue, Brown

Outer Shield	
Material	Notes
Unshielded	100% Waterblocking Tape

Table Notes:	100% Waterblocking Tape
Waterblocking:	Waterblock Tape

Outer Jacket			
Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	.040 in (1.0 mm)	.355 in (9.02 mm)	Yes
Overall Cable Diameter (Nominal): .355 in (9.02 mm)			

Electrical Characteristics

Electricals	
Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond
4.2 Ohm/1000ft (14 Ohm/km)	28 pF/ft (92 pF/m)

Voltage	
UL Voltage Rating	
300 V RMS	
Table Notes:	Waterblocking Tape

Mechanical Characteristics

Temperature	
UL Temperature	Operating
90°C	-20°C To +90°C

Bend Radius

Stationary Min.	
3.195 in (81.15 mm)	
Max. Pull Tension:	108 lbs (49.0 kg)
Bulk Cable Weight:	75 lbs (34 kg)

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor, Sunlight Resistance, Burial
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL 1685
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 725, Article 760, CL3, FPL, PLTC
CEC / C(UL) Compliance:	CL3
TIA/EIA Compliance:	TIA455-82 Water Penetration Test
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.8 Revision Date: 07-11-2025
----------------------	--

© 2025 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.