



Product: [5302U2](#) 

Security & Sound, #18-4c BC, CL3, FPL, PLTC, Water-Blocked Direct Burial

Product Description

Security & Sound Cable, Rated-CL3, 4-18 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
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	4	18 AWG	7x26	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

Waterblocking:	Waterblock Tape
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Outer Jacket

Separator	Material	Nom. Thickness	Nom. Diameter	Ripcord
Waterblocking Tape	PVC - Polyvinyl Chloride	.040 in (1.0 mm)	.327 in (8.31 mm)	Yes

Overall Cable Diameter (Nominal):	.327 in (8.31 mm)
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond
6.2 Ohm/1000ft (20 Ohm/km)	25 pF/ft (82 pF/m)

Voltage

UL Voltage Rating
300 V RMS

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.
2.95 in (74.9 mm)

Max. Pull Tension:	98 lbs (44 kg)
Bulk Cable Weight:	56 lbs/1000ft (83 kg/km)

Standards and Compliance

Environmental Suitability:	Outdoor - Direct Burial, Indoor, Outdoor, Sunlight Resistance, Burial
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL 1685, FT4
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: 0.6 Revision Date: 07-15-2025
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