

Product: 5300U1

Security & Sound, #18-2c, TC, CL3, Water-Blocked

Product Description

Security & Sound Cable, Rated-CL3, 2-18 AWG stranded tinned copper conductors with PVC insulation, Waterblocking tape, PVC jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls, Wet Location, Below-Grade Duct

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	2	18	7x26	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PVC - Polyvinyl Chloride	0.025 in (0.64 mm)	0.20 in (5.1 mm)	Black, Red

Table Notes:	Waterblocking tape
Waterblocking:	Waterblock Tape

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.025 in (0.64 mm)	0.215 in (5.46 mm)	Yes

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
7.06 Ohm/1000ft	64.9 pF/ft (213 pF/m)	116.82 pF/ft (383.27 pF/m)	5 Amps per Conductor at 25ºC

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-20°C To +105°C

Bend Radius

Stationary Min.	Installation Min.
2.15 in (54.6 mm)	2.15 in (54.6 mm)

Max. Pull Tension:	45 lbs (20 kg)
Bulk Cable Weight:	21 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor
Sustainability:	Product Lens™, Environmental Product Declaration (EPD) Available
Flammability / Reaction to Fire:	UL1685 UL Loading
NEC / UL Compliance:	Article 800, CM
CEC / C(UL) Compliance:	CM
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.348 Revision Date: 01-11-2022

Part Numbers

Variants

Item #	Color	UPC
5300U1 0101000	Black	612825159414
5300U1 0081000	Gray	612825336792
5300U1 008U1000	Gray	612825336785

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