



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

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
18	7x26	TC - Tinned Copper	2

Conductor Count: 2

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.01 in

Outer Shield Material

Material
No Shield

Outer Shield Table Note: Waterblocking tape

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.215 in	0.025 in	Yes

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR	Conductor Resistance
6.5 Ohm/1000ft	6.5 Ohm/1000ft	

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
64.9 pF/ft	116.82 pF/ft

Inductance

Nominal Inductance
0.16 μ H/ft

Current

Max. Recommended Current [A]
Per conductor @ 25°C: 5 A

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

Operating Temp Range:	-20°C To +105°C
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Mechanical Characteristics

Bulk Cable Weight:	21.9 lbs/1000ft
Max Recommended Pulling Tension:	45 lbs
Min Bend Radius/Minor Axis:	2.125 in

Standards

NEC Articles:	800
NEC/(UL) Specification:	CM
CEC/C(UL) Specification:	CM

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	Yes
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-10-01
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1685 UL Loading
CSA Flammability:	FT1
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

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

History

Update and Revision:	Revision Number: 0.211 Revision Date: 04-02-2020
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