

5300U1 Multi-Conductor - Water-Blocked for Indoor/Outdoor - 2 Cond Cabled



For more Information
please call

1-800-Belden1



General Description:

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

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	18	7x26	TC - Tinned Copper

Total Number of Conductors: 2

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.254

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Shield Waterblocking Tape: Waterblocking tape

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.635

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:

Length (mm)
50.7998

Overall Nominal Diameter: 5.461 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +105°C

Bulk Cable Weight: 32.592 Kg/Km

Max. Recommended Pulling Tension: 200.169 N

Min. Bend Radius/Minor Axis: 53.975 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CM

CEC/C(UL) Specification: CM

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 10/01/2005

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

METRIC MEASUREMENT VERSION

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MII Order #39 (China RoHS): Yes

Flame Test

UL Flame Test: UL1685 UL Loading

CSA Flame Test: FT1

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m)

0.52496

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

212.937

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)

383.286

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

21.3265

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

5 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5300U1 008U1000	1,000 FT	23.000 LB	GRAY		2 #18 S-R PVC PVC
5300U1 0081000	1,000 FT	24.000 LB	GRAY		2 #18 S-R PVC PVC
5300U1 0101000	1,000 FT	24.000 LB	BLACK		2 #18 S-R PVC PVC

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