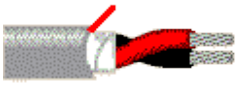
Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

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



For more Information
please call

1-800-Belden1

Description:

18 AWG tinned copper conductors, PVC insulation, cabled with overall water-blocking tape, PVC jacket with ripcord. Sequential footage marking every two feet.

Physical Characteristics (Overall)

Conductor

AWG:

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

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.010

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 (in.)
PVC - Polyvinyl Chloride	.025

Outer Jacket Ripcord:	Yes

Overall Cable

Overall Cabling Lay Length & Direction:

Length (in.)
2

Overall Nominal Diameter:	0.215 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +105°C
Bulk Cable Weight:	21.900 lbs/1000 ft.
Max. Recommended Pulling Tension:	45 lbs.
Min. Bend Radius (Install)/Minor Axis:	2.125 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CM
CEC/C(UL) Specification:	CM
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes

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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
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/ft)
.16

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
64.900

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
116.820

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.5

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
5 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

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

Revision Number: 2 Revision Date: 01-07-2011

compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure 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. This 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.
Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.