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	
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 Cor	npliance (Overall)
Applicable Standards & Environmental Progra	
NEC/(UL) Specification:	СМ
CEC/C(UL) Specification:	СМ
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS): Yes EU Directive 2002/95/EC (WEEE): Yes MII Order #39 (China RoHS): Yes Flame Test UL 1685 UL Loading CSA Flame Test: F1 Plenum (VN): No El Directive 2004/96/EC (WEEE): Plenum (VN): No Plenum (VN): No Plenum (VN): No Clacitance (pf/ff) Social Conductor to Conductor: Cogacitance (pf/ff) Social Conductor to Conductor: Cogacitance (pf/ff) Social Conductor to Conductor & Shield: Vontage 20°C (Ohm/1900 ft) Social Conductor ft) Social Conductor ft) Rescience (pf/ff) Social Conductor ft) Rescience (pf/ff) Social Conductor ft) Rescience (pf/ff) Social Conductor ft) Soci		
EU Directive 2002/96/EC (WEEE): Yes EU Directive 2003/11/EC (BFR): Yes CA Prop 65 (CJ for Wire & Cable): Yes Mil Order #39 (China RoHS): Yes Flame Test UL 1685 UL Loading CSA Flame Test: UL 1685 UL Loading Plenum/Non-Plenum Flame Test: Plenum/Non-Plenum No Plenum/Non-Plenum No Plenum/Non-Plenum No Vom. Inductance: Inductance (pH/f) 16 Socialization Conductor to Conductor: Capacitance (pH/f) Socialization Conductor to Conductor & Shield: Capacitance (pH/f) Socialization Conductor Conductor & Shield: Capacitance (pH/f) Socialization Conductor Conductor & Shield: Socialization Conductor Conductor & Shield: Socialization Conductor Conductor & Shield: Socialization Conductor Conductor Conductor & Shield: Socialian		
EU Directive 2003/11/EC (BFR): Yes CA Prop 65 (CJ for Wire & Cable): Yes MII Order #39 (China RoHS): Yes Flame Test UL 1685 UL Loading U.F. Flame Test: FT1 Plenum/Non-Plenum Plenum/Non-Plenum Plenum/Non-Plenum No Electrical Characteristics (Overall) No Nom. Inductance: Inductance (µH/f) Inductance (µH/f) No Nom. Capacitance Conductor to Conductor: Capacitance (pF/f) 68.900 Nom. Conguctor to Conductor & Shield: Capacitance (pF/f) If 8.800 Nom. Conguctor D Resistance: Def g 230 C (Dhm/100 ft) Max. Operating Voltage - UL: Voltage Voltage 300 V FMS Max. Recommended Current: Carrent 300 V FMS Street Releted Documents: Street	EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005
CA Prop 55 (CJ for Wire & Cable): Yes Mill Order #39 (China RoHS): Yes Flame Test UL Flame Test: UL Flame Test: UL 1685 UL Loading CSA Flame Test: FT1 Plenum (YiN): No Electrical Characteristics (Overall) Nom. Inductance: Inductance (µff) 16 9 Nom. Capacitance Conductor to Conductor: Capacitance (pFff) 1820 Nom. Capacitance (pFff) 18820 Nom. Capacitance (pFff) Source (pFff) 18820 Nom. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) 6.5 Source (pFff) Max. Recommended Current: Surrent S.Amps per conductor @ 25°C	EU Directive 2002/96/EC (WEEE):	Yes
MII Order #39 (China RoHS): Yes Flame Test UL 1685 UL Loading CSA Flame Test: FT1 Plenum/Non-Plenum No Plenum (Y/N): No Electrical Characteristics (Overall) Nom. Inductance: Inductance (µfft) 16	EU Directive 2003/11/EC (BFR):	Yes
Test UL Flame Test: UL 1685 UL Loading CSA Flame Test: FT1 Plenum/Non-Plenum No Plenum (Y/N): No Electrical Characteristics (Overall) Nom. Inductance: Inductance (uHff) 16 Sampatiance Conductor to Conductor: Capacitance (opfft) Inductance (uFfft) Nom. Capacitance Cond. to Other Conductor & Shield: Capacitance (pFfft) In 820 Nom. Conductor DC Resistance: DCR 20°C (Ohm/1000 ft) Sampa Max. Operating Voltage - UL: Voltage Voltage Sampa per conductor @ 25°C	CA Prop 65 (CJ for Wire & Cable):	Yes
UL Flame Test: UL 1085 UL Loading CSA Flame Test: FT1 Plenum/Non-Plenum Non Plenum (Y/N): No Electrical Characteristics (Overall) Nom. Inductance: Inductance (µH/ft) 16 Inductance (PF/ft) 04.00 Max. Operatinge Conductor to Conductor & Shield: Capacitance (pF/ft) It 6.5 Nom. Capacitance Conductor Deconductor & Shield: It 6.5 Max. Operating Voltage - UL: Voltage Voltage 300 V RMS Max. Recommended Current: It for many per conductor (@ 25°C)	MII Order #39 (China RoHS):	Yes
CSA Flame Test: FT1 Plenum/Non-Plenum Plenum (Y/N): Nom Electrical Characteristics (Overall) Nom. Inductance: Inductance (µH/ft) 16 Nom. Capacitance Conductor to Conductor: Capacitance (pF/ft) Nom. Capacitance Cond. to Other Conductor & Shield: Capacitance (pF/ft) 116.820 Nom. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) 6.5 300 V RMS Max. Operating Voltage - UL: Voltage 300 V RMS Max. Recommended Current: Current Samp per conductor @ 25°C	Flame Test	
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: Carrent 6 Amps per conductor @ 25°C	UL Flame Test:	UL1685 UL Loading
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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:	Plenum/Non-Plenum	
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	Nom. Capacitance Conductor to Conductor: Capacitance (pF/ft) 64.900 Nom. Capacitance Cond. to Other Conductor & Sh 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	ield:
No related documents are available for this product	Related Documents:	

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

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