Detailed Specifications & Technical Data



1321SB Multi-Conductor - ABS Type Approved Fire Alarm Cable





For more Information please call

1-800-Belden1



General Description:

16 AWG solid bare copper conductors, ceramifiable silicone insulation, Beldfoil® shield, drain wire, LSZH jacket.

Buildble Applications: RPS Type Approved, Fran Alema, Shejboard (FRR, CMAL48, IFEE 42 dataset), Limited Smoke, IEC, 00032-37.0 dataset (Calegory A), 60331-2.0 (003	Usage (Overall)					
Physical Characteristics (Overall) Conductor WRG: 2 16 2 10 2 10 2 10 2 10 2 10 2 10 2 10 2 10 10 Numerical: Insulation 10 20 10		17, 60092-351, 60754-1, 60754-2, 61034, UL1685 FT4 Loading, Limited Smoke, IEC, 60332-3-22				
Conclusion AVX0 :: Solid	Physical Characteristics (Overall)					
Conductor ANO Sender Cooper 2 Total Number of Conductors: 2 Total Number of Conductors: 2 Sender Number of Conductors: 2 Total Number of Conductors: 2 Sender Number of Conductors: 2 Sender Number of Conductors: 2 Sender Number of Conductor 1.20 Outer Shield Matrial: Sender Number of Conductor Nuterial Number of Io Outer Shield Tade Nume Yop: Coverage (%) Bedrafing Trade Number of Conductor Nuterial Io Coverage (%) Outer Shield Strade Number and Cooper Coverage (%) Outer Jackt Minital: Coverage (%) Coveral Cohine Color Code Core Sender Conductor Number of Io Coveral Cohine Color Code Core Sender Conductor Number of Io Coveral Cohine Color Code Core Sender Conductor Number of Io Coveral Nominal Diameter: 0.37 In. Coveral Nominal Color Code Core Sender Conductor Number of Io Coveral Nominal Diameter: 0.37 In. Coveral Nominal Color Code Core Sender Conductor Number of Io Coveral Nominal Diameter: 0.307	Conductor					
2 16 Solid BC-Bare Copper Total Number of Conductors: 2 Insulation Material Part Material Part Part Part Part Part Part Part Part						
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Insuitor Material: Insuitor Material: Outer Shield Material: Outer Shield Material: Outer Shield Tade Name Type Outer Shield Material: Outer Shield Dain Wire Auss: Tape Polyester Tape Alumnum Foil 100 Outer Shield Dain Wire Auss: AWS Stranding Onin Wire Auss: AWS Stranding Onin Wire Auss: To Turmed Cooper Outer Jackst Material: ISZH - Low Smoke Zero Halogen Outer Jackst Material: ISZH - Low Smoke Zero Halogen ISZH - Lo		2				
Silicone Rubber 0.120 Outer Shield Material: Outer Shield Material: Outer Shield Trade Name Type Outer Shield Material Coverage (%) Tage Polysiest Fage-Aluminum Foll 10 Outer Shield Drain Wire AWC: Image Polysiest Fage-Aluminum Foll 10 Outer Shield Drain Wire AWC: Image Polysiest Fage-Aluminum Foll 10 Outer Shield Drain Wire AWC: Image Polysiest Fage-Aluminum Foll 10 Outer Shield Drain Wire AWC: Image Polysiest Fage-Aluminum Foll 10 Outer Shield Drain Wire AWC: Image Polysiest Fage-Aluminum Foll 10 Outer Shield Drain Wire AWC: Image Polysiest Fage-Aluminum Foll 10 Outer Shield Drain Wire AWC: Image Polysiest Fage-Aluminum Foll 10 Outer Shield Core Aluminum Foll 10 Image Polysiest Fage-Aluminum Foll 10 Outer Shield Core Fage Polysiest Fage-Aluminum Foll 10 Image Polysiest Fage-Aluminum Foll 10 Outer Shield Core Fage Polysiest Fage-Aluminum Foll 10 Image Polysiest Fage-Aluminum Foll 10 Outer Shield Core Fage Polysiest Fage Polysies						
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Beldfolli0 Tape Polyester Tape-Aluminum Foll 100 Outer Shield Drain Wire AWG: AWG Stranding Drain Wire Conductor Material 20 7428 T G - Tinned Copper Outer Jackt Material: Current Stekt Material Durent Jackt Material Current Stekt Material Vorent Cabling Color Code Chart: Number Color 1 Black 2 Red Vorent Rabing Temperature Range: 0.337 in. Vorent Rabing: 108°C Buik Cable Weight: 55 lbs/1000 ft. Max. Recommended Pulling Tension: 62 400 lbs. Min. Bend Radius/Miner Axis: 3.500 in. Applicable Specifications and Agency Compliance (Overall) Applicable Standards & Environmental Programs NEC(/UL) Specification: CMG-LS, FPLR NEC Articles: 700, 800 CEC/C(UL) Specification: CMG EU Directive 2011/65/EU (ROHS II): Yes		rial Coverage (%)				
AWG Stranding Drain Wire Conductor Material 20 7x.28 Outer Jacket Material User Jacket Material USE/J-Low Smoke Zero Halogen Overall Cabling Color Code Chart: Number Color 2 Red Overall Cabling Color Code Chart: Number Color 2 Red Overall Cabling Color Code Chart: Number Color 2 Red Overall Nominal Diameter: 0.337 in. Vestational Characteristics (Overall) 0.337 in. Uter Table Weight: 0.350 in. Mumber Calor 105°C Buk Cable Weight: 50 ibs/1000 ft. Max. Recommended Pulling Tension: 62400 lbs. Min. Bend Radius/Minor Axis: 3.500 in. Applicable Specifications and Agency Compliance (Overall) MGC/(UL) Specification: MEC/UL) Specification: CMG-LS, FPLR NEC/UL) Specification: 760, 800 CEC/C(UL) Specification: CMG ED Directive 2011/65/EU (ROHS II): Yes						
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NEC/(UL) Specifications CMG-LS, FPLR NEC/(UL) Specification: CMG-LS, FPLR CEC/C(UL) Specification: CMG EU Directive 2011/65/EU (ROHS II): Yes	Max. Recommended Pulling Tension:	62.400 lbs.				
Applicable Standards & Environmental Programs CMG-LS, FPLR NEC/(UL) Specification: CMG-LS, FPLR NEC Articles: 760, 800 CEC/C(UL) Specification: CMG-L EU Directive 2011/65/EU (ROHS II): Yes	Min. Bend Radius/Minor Axis:	3.500 in.				
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NEC/(UL) Specification: CMG-LS, FPLR NEC Articles: 760, 800 CEC/C(UL) Specification: CMG EU Directive 2011/65/EU (ROHS II): Yes						
CEC/C(UL) Specification: CMG EU Directive 2011/65/EU (ROHS II): Yes						
EU Directive 2011/65/EU (ROHS II): Yes	NEC Articles:	760, 800				
EU Directive 2011/65/EU (ROHS II): Yes	CEC/C(UL) Specification:	CMG				
	IEEE Specification:	Std. 45 clause 23				

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

1321SB Multi-Conductor - ABS Type Approved Fire Alarm Cable

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):	08/07/2006			
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			
Other Specification:	UL444, UL1424, ABS Type Approval Certificate 06-HS184641F			
Flame Test				
UL Flame Test:	UL1685 FT4 Loading, Limited Smoke			
CSA Flame Test:	FT4			
IEC Flame Test:	60332-1, 60331-23, 60332-3-22 (Category A)			
IEEE Flame Test:	1202			
Suitability				
Suitability - Indoor:	Yes			
Suitability - Outdoor:	Yes			
Sunlight Resistance:	Yes			
Plenum/Non-Plenum				
Plenum (Y/N):	No			
Electrical Characteristics (Overall)				
Nom. Capacitance Conductor to Conductor:				
Capacitance (pF/ft) 31				
Nom. Capacitance Cond. to Other Conductor & Shield:				
Capacitance (pF/ft) 52				
Nom. Conductor DC Resistance:				
DCR @ 20°C (Ohm/1000 ft) 4.0				
Nominal Outer Shield DC Resistance:				
DCR @ 20°C (Ohm/1000 ft) 8.2				
Max. Operating Voltage - UL:				
Voltage 300 V RMS				
Put Ups and Colors:				

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1321SB 0021000	1,000 FT	62.000 LB	RED	С	1 FS PR #16 SIL FRNHPO
1321SB 0101000	1,000 FT	62.000 LB	BLACK	С	1 FS PR #16 SIL FRNHPO

Notes: C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 12-13-2013

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