Detailed Specifications & Technical Data



METRIC MEASUREMENT VERSION

9318 Multi-Conductor - 300V Power-Limited Tray Cable



For more Information please call

1-800-Belden1



General Description:

18 AWG pairs stranded (19x30) tinned copper conductors, twisted pairs, PVC insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

Conductor AWG: # Pairs AWG Stranding Conductor Material 1 18 19x30 TC - Tinned Copper Total Number of Conductors: 2 Insulation Insulation Material: Insulation Material: Insulation Color Code Chart: Number Color Number Color Outer Shield Material: Outer Shield Trate Name Type Outer Shield Material Coverage (%) Bedrolik® Tape Aluminum Foil-Polyester Tape Outer Shield Trate Name Type Outer Shield Material Coverage (%) Bedrolik® Tape Aluminum Foil-Polyester Tape Outer Shield Trate Name Type Outer Shield Material Coverage (%) Bedrolik® Tape Aluminum Foil-Polyester Tape Outer Shield Trate Name Type Outer Shield Material Coverage (%) Bedrolik® Tape Aluminum Foil-Polyester Tape Outer Jacket Material: Coverage (%) Outer Jacket Material: Coverage (%) Outer Jacket Material: Yes Outer Jacket Material: Yes Overall Cable Solts material Overall Cable Solts material Overall Nominal Diameter: S.918 mm Wechanical Characteristics (Overall) <th>AWG: Image: Processing and the standing Conductor Material Total Number of Conductors: 2 Insulation Material: Insulation Material: Insulation Material: Insulation Color Code Chart: Number Color 1 Black & Red Outer Shield Outer Shield Trate Name Type Outer Shield Material Outer Shield Train Wire Conductor Material Quiter Shield Train Wire Conductor Material Outer Shield Train Wire Conductor Material Quiter Jacket Outer Jacket Material: Outer Jacket Material: Outer Jacket Material: Vuer Jacket Ripcord: Yes Overall Cable Overall Nominal Diameter: 5.918 mm</th> <th>Physical Characteristics (Overall)</th> <th></th>	AWG: Image: Processing and the standing Conductor Material Total Number of Conductors: 2 Insulation Material: Insulation Material: Insulation Material: Insulation Color Code Chart: Number Color 1 Black & Red Outer Shield Outer Shield Trate Name Type Outer Shield Material Outer Shield Train Wire Conductor Material Quiter Shield Train Wire Conductor Material Outer Shield Train Wire Conductor Material Quiter Jacket Outer Jacket Material: Outer Jacket Material: Outer Jacket Material: Vuer Jacket Ripcord: Yes Overall Cable Overall Nominal Diameter: 5.918 mm	Physical Characteristics (Overall)	
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Min. Bend Radius/Minor Axis: 56.642 mm		Min. Bend Radius/Minor Axis:	56.642 mm
Applicable Specifications and Agency Compliance (Overall)			
	NEC/(UL) Specification: CMG, ITC, PLTC	NEC/(UL) Specification:	CMG, ITC, PLTC

Detailed Specifications & Technical Data



METRIC MEASUREMENT VERSION

9318 Multi-Conductor - 300V Power-Limited Tray Cable

CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2464 (300 V 80°C)
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):	04/01/2005
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
C(UL) Flame Test:	FT4
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. Inductance: Inductance (µH/m) 0.55777	
Nom. Capacitance Conductor to Shield: Capacitance (pF/m) 328.1	
Nom. Capacitance Conductor to Conductor: Capacitance (pF/m) 177.174	
Nom. Conductor DC Resistance: DCR @ 20°C (Ohm/km) 19.5548	
Nominal Outer Shield DC Resistance: DCR @ 20°C (Ohm/km) 29.529	
Max. Operating Voltage - UL:	
VoltageDescription300 V RMSPLTC, CMG150 V RMSITC	
Max. Recommended Current:	
Current 5.5 Amps per conductor @ 25°C	

Put Ups and Colors:



METRIC MEASUREMENT VERSION

9318 Multi-Conductor - 300V Power-Limited Tray Cable

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9318 060U1000	305 MT	14.061 KG	CHROME		2 #18 PVC SHLD PVC
9318 060U500	152 MT	7.484 KG	CHROME		2 #18 PVC SHLD PVC
9318 0601000	305 MT	14.515 KG	CHROME		2 #18 PVC FS PVC
9318 06010000	3,048 MT	145.150 KG	CHROME	CZ	2 #18 PVC SH PVC
9318 06015000	4,572 MT	231.333 KG	CHROME	CY	2 #18 PVC SHLD PVC
9318 0605000	1,524 MT	74.843 KG	CHROME	CZ	2 #18 PVC SHLD PVC

Notes:

C = CRATE REEL PUT-UP.

Y = FINAL PUT-UP LENGTH MAY VARY -10% TO +20% FROM LENGTH SHOWN.MAY CONTAIN 2 PIECES. MINIMUM LENGTH OF ANY ONE PIECE IS 1500'.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

Revision Number: 3 Revision Date: 07-30-2013

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