Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

9341 Multi-Conductor - 600V Tray Cable



For more Information please call

1-800-Belden1



General Description:

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

Physical Characteristics (Overall)	
Conductor AWG:	
# Pairs AWG Stranding Conductor Material	
1 18 19x30 TC - Tinned Copper	
Total Number of Conductors:	2
Insulation	
Insulation Material:	
Insulation Material PVC/Nylon - Polyvinyl Chloride/Nylon	
Outer Shield Outer Shield Material:	
Outer Shield Trade Name Type Outer Shield Material	Coverage (%)
Beldfoil® Tape Aluminum Foil-Polyester	Tape 100
Outer Shield Drain Wire AWG:	
AWG Stranding Drain Wire Conductor Material 18 19x30 TC - Tinned Copper	
Outer Jacket Outer Jacket Material:	
Outer Jacket Material Nom. Wall Thickness (in.)	
PVC - Polyvinyl Chloride 0.047	
Outer Jacket Ripcord:	Yes
Overall Cable	
Overall Nominal Diameter:	0.274 in.
Pair Pair Color Code Chart: Number Color 1 Black & Red	
Mechanical Characteristics (Overall)	
Wet Temperature Range:	-30°C To +75°C
Dry Temperature Range:	-30°C To +90°C
Bulk Cable Weight:	44 lbs/1000 ft.
Max. Recommended Pulling Tension:	26 lbs.
Min. Bend Radius/Minor Axis:	2.750 in.
Applicable Specifications and Agency Complia	nce (Overall)
Applicable Standards & Environmental Programs	
NEC/(UL) Specification:	NPLF, TC
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

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UL Flame Test: UL 1685 UL Loading (QL) Flame Test: FT4 istel Flame Test: 202 Sumight Resistance: Ves Sumight Resistance: Ves Penum (VN): No Certical Characteristics (Overall) No Nom. Inductors: Indicance (MM) 19 Nome Certical Characteristics (Overall) Nom. Inductors: Indicance (MM) 19 Nome		
Mil Order #39 (China RoH5): Yes Other Specification: ICEA 5-73-532, 561-402 Flame Test: UL 1986 UL Loading CULJ, Flame Test: UL 1985 UL Loading CULJ, Flame Test: UL 1985 UL Loading CULJ, Flame Test: 1202 Suitability Suitability Suitability Yes Suitability Yes Plenum Non-Plenum Yes Plenum (YN): No Clactrical Characteristics (Overall) Nom. Inductance (H11) Nom. Inductance (H11) Yes Sagacitance Conductor to Conductor: Cogacitance (Conductor to Conductor & Shield: Cagacitance (Conductor to Conductor & Shield: Cagacitance (Conductor to Conductor & Shield: Cagacitance (Conductor D Conductor & Shield: Cagacitance (Conductor & Shield: Cagacitance (Conductor D Conductor & Shield: Voitagi Solo Nom. Cogacitance (Conductor & Shield: Solo Solo Nome Councer Shield Conseltance: Solo Voitagi Solo Solo Nome Councer Shield Conseltance: Solo Solo So	EU Directive 2003/11/EC (BFR):	Yes
Other Specification: ICEA S-73-532, S-81-402 Flame Test: UL 1685 UL Loading G(UL) Flame Test: F14 EEEE Flame Test: 1202 Suttability UL 1685 UL Loading Suttability - Burial: Yes Plenum Non-Plenum Yes Plenum (YN): No Capacitance (pift) No Suttability: No EEEE Flame Conductor to Conductor: Capacitance (pift) 10 Suttability: Non. Capacitance Conductor to Conductor: Capacitance (pift) 3 Suttability: Non. Capacitance Conductor to Conductor: Capacitance Conductor to Conductor: Capacitance (pift) Suttability: 3 Suttability: Suttability: Suttability: Suttability: Suttability: Suttability: Suttability: Non. Capacitance Conductor to Conductor: Capacitance Conductor & Suttability: Suttability: Suttability: Suttability: Suttability: Suttability: Suttability:	CA Prop 65 (CJ for Wire & Cable):	Yes
U. Flame Test: UL 1085 UL Loading U. Flame Test: FT4 IEEE Flame Test: 1202 Suitability Suitability Suitability - Suitability Yes Suitability - Suitability Yes Plenum (YN): No Plenum (YN): No Electrical Characteristics (Overall) Nom. Capacitance Conductor to Conductor: Capacitance (Srffit) 35 Solo Nom. Capacitance (Srffit) 580 Solo S	MII Order #39 (China RoHS):	Yes
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Suitability Yes Suitability - Burial: Yes Sunlight Resistance: Yes Plenum/Non-Plenum Plenum (YiN): No No Electrical Characteristics (Overall) No Nom. Inductance: Inductance (kiff) 19 No Nom. Capacitance Conductor to Conductor: Capacitance (pf fit) 3 Non. Capacitance Conductor & Shield: Capacitance (pf fit) No Nom. Capacitance Conductor to Shield: Capacitance (pf fit) 3 Non. Capacitance Conductor to Shield: Capacitance (pf fit) Siso Nom. Capacitance Conductor to Shield: Capacitance (pf fit) 5.80 Non. Capacitance Conductor to Shield: DCR @ 20'C (Ohm1000 ft) Siso 5.80 Non. Capacitance Conductor to Conductor	C(UL) Flame Test:	FT4
Sultability - Burial: Yes Sunlight Resistance: Yes Plenum (YM): No Plenum (YM): No Electrical Characteristics (Overall) Nom. Inductance (µH/R] 19 No Electrical Characteristics (Overall) Nom. Inductance (µH/R] Electrical Characteristics (Overall) Nom. Inductance (µH/R] Electrical Characteristics (Overall) Nom. Conclustors Conductor to Conductor: Capacitance (pF/R] Electrical Characteristics (Overall) Nom. Conclustor to Conductor & Shield: Capacitance (pF/R) Electrical Characteristics Electrical Characteris	IEEE Flame Test:	1202
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Nom. Inductance: Inductance (µF/II) 19 Nom. Capacitance Conductor to Conductor: Capacitance (pF/II) 43 Nom. Capacitance (opF/II) 43 Nom. Capacitance (pF/II) 74 Nom. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) S 800 S800 Nom.Inductance (III) S800 Nom.Inductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) S 800 S800 Nom.Inductor Shield DC Resistance: DCR @ 20°C (Ohm/1000 ft) S 800 S800 Nam. Recommended Current: Voltage Max. Recommended Current: Current Current Gamps per conductor @ 30°C	Electrical Characteristics (Overall)	
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DCR @ 20°C (Ohm/1000 ft) 5.860 Nominal Outer Shield DC Resistance: DCR @ 20°C (Ohm/1000 ft) 5.860 Max. Operating Voltage - UL: Voltage 600 V RMS (NEC Type TC) 150 V RMS (NPLF) Max. Recommended Current: Current 6 Amps per conductor @ 30°C	Capacitance (pF/ft)	
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Voltage 600 V RMS (NEC Type TC) 150 V RMS (NPLF) Max. Recommended Current: Current 6 Amps per conductor @ 30°C Notes (Overall)		
Current 6 Amps per conductor @ 30°C Notes (Overall)	600 V RMS (NEC Type TC)	
	Notes (Overall)	

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9341 0101000	1,000 FT	43.000 LB	BLACK	С	2 #18 PVC/NYL SHLD PVC
9341 01010000	10,000 FT	460.000 LB	BLACK		2 #18 PVC/NYL SHLD PVC
9341 010500	500 FT	21.500 LB	BLACK	С	2 #18 PVC/NYL SHLD PVC
9341 0105000	5,000 FT	235.000 LB	BLACK		2 #18 PVC/NYL SHLD PVC

Notes: C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 08-07-2014

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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.