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Construction

						Diameter ("in")	
1) Component 1					3 x 1 COND		
a) Conductor					18 (41/34) AWG BC	0.047	
b) Insulation					0.016" Wall, Nom. PVC	0.079	
(1) Colo	or(s)						
Cond	Color	Cond	Color	Cond	Color		
1	BLACK	2	WHITE	3	GREEN/YELLOW		
2) Cable Assembly					3 Components Cabled		
a) Twists						6.9 Twists/ft. (min.)	
3) Jacket					0.032" Wall, Nom., PVC	0.241+/- 0.011	
a) Color(s)					Slate, Black		
b) Jacket Separator						Tissue Tape, 25% Overlap (min.)	
c) Print						ALPHA WIRE-* P/N 1951/3T 3C 18 AWG (0.825mm2) (UL) C(UL) TYPE SVT 105C 300V FT2 CE ROHS * = Factory Code Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.	

Applicable Specifications

105°C / 300 V _{RMS}
ective 2014/35/EC

Environmental

1) CE: EU Directive 2011/65/EU(RoHS2)	
	This product complies with European Directive 2011/65/EU (RoHS Directive) of the European Parliament and of the Council of 8 June 2011 and the amending Directive 2015/863/EU of 4 June 2015. No exemptions are required for RoHS Compliance on this item. Refer to the RoHS Certificate of Compliance for more detail.
2) REACH Regulation (EC 1907/2006)	
	This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item. For up-to-date information, please see Alpha's <u>REACH SVHC Declaration</u> .

Properties

Physical & Mechanical Properties	
1) Temperature Range	-30 to 105°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	38 lbs. max.
Electrical Properties	Engineering purposes only
1) Voltage Rating	300 V _{RMS}
2) Capacitance	34 pf/ft. @1 kHz, Nominal Conductor-to-Conductor
3) Inductance	0.18 μH/ft., Nominal
4) Conductor DCR	6.6 ω/1000ft. @20°C, Nominal

Other

Packaging	Flange x Traverse x Barrel (inches)	
a) 250 FT	12 x 6 x 3.5 Continuous Length	
	Spool dimensions may vary slightly.	

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Alpha Wire □□□□1951/3T

1951/3T000RoHS0000 2006/2/1 000000

□□□□□□□□0.1% (1000 ppm) Lead Mercury □□□□□□□□0.01% (100 ppm) Cadmium Hexavalent Chromium □□□□□□□□0.1% (1000 ppm) □□□□□□□□0.1% (1000 ppm) Polybrominated Biphenyls (PBB) Polybrominated Diphenyl Ethers (PBDE), Including Deca-BDE Bis(2-ethylhexyl) phthalate (DEHP) □□□□□□□□0.1% (1000 ppm) Butyl benzyl phthalate (BBP) Dibutyl phthalate (DBP) □□□□□□□□0.1% (1000 ppm) Diisobutyl phthalate (DIBP) □□□□□□□□0.1% (1000 ppm)

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