

Customer Specification

PART NO. 1951/3

Construction

						Diameter ("in")	
1) Component 1						3 x 1 COND	
a) Conductor						18 (41/34) AWG BC	0.047
b) Insulation						0.017" Wall, Nom. EPDM Rubber	0.084
(1) Separator						Paper Tape, 10% Overlap (min.)	
(2) Color(s)							
Cond	Color	Cond	Color	Cond	Color		
1	BLACK	2	WHITE	3	GREEN		
2) Cable Assembly						3 Components Cabled	
a) Twists						6.0 Twists/ft. (min.)	
3) Jacket						0.034" Wall, Nom., Chlorinated Polyethylene (CPE)	0.255+/- 0.010
a) Color(s)						BLACK	
b) Jacket Separator						Tissue Tape, 25% Overlap (min.)	
c) Print						ALPHA WIRE-* P/N 1951/3 3C 18 AWG (0.825mm ²) (UL) C(UL) TYPE SV 90C 300V FT2 CE ROHS * = Factory Code <i>Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.</i>	

Applicable Specifications

1) UL	SV	90°C / 300 V _{RMS}
2) CSA International	C(UL) SV	90°C / 300 V _{RMS}
3) CE	EU Low Voltage Directive 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 REACH SVHC Declaration .

Properties

Physical & Mechanical Properties	
1) Temperature Range	-30 to 90°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	26 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
	<i>Spool dimensions may vary slightly.</i>

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Alpha Wire □□□□1951/3

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

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