

Customer Specification

PART NO. 1952/3T

Construction

		Diameters (In)			
1) Component 1		3 X 1 COND			
a) Conductor		18 (41/34) AWG BC		0.047	
b) Insulation		0.032" Wall, Nom. PVC		0.111	
(1) Color(s)					
Cond	Color	Cond	Color	Cond	Color
1	BLACK	2	WHITE	3	GREEN/YELLOW
2) Cable Assembly		3 Components Cabled			
a) Twists:		5.3 Twists/foot (min)			
3) Jacket		0.032" Wall, Nom.,PVC		0.309+/- 0.009	
a) Color(s)		BLACK			
b) Jacket Separator		Tissue Tape, 25% Overlap, Min.			
c) Print		ALPHA WIRE-* P/N 1952/3T 3C 18 AWG (0.825mm ²) (UL) C(UL) TYPE SJT 105C 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	SJT	105°C / 300 V _{RMS}
2) CSA International	C(UL) SJT	105°C / 300 V _{RMS}
	C(UL) FT2	
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. Consult Alpha Wire's web site for RoHS C of C.
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 105°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	38 Lbs, Maximum
Electrical Properties (For Engineering purposes only)	
1) Voltage Rating	300 V _{RMS}
2) Capacitance	26 pf/ft @1 kHz, Nominal Conductor to Conductor
3) Inductance	0.22 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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