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Construction

						Diameters (In)	
1) Component 1			4 X 1 COND				
a) Conductor			18 (16/30) AWG Tinned Copper	0.047			
b) Insulation					0.016" Wall, Nom. PVC	0.079	
(1) Color Code					Alpha Wire Color Code D		
Cond	Color	Cond	Color	Cond	Color		-
1	BLACK	3	WHITE			7	
2	RED	4	GREEN				
2) Cable	2) Cable Assembly		·	4 Components Cabled			
a) Twists:					4.4 Twists/foot (min)		
b) Orientation:					Components to be arranged from INSIDE LAYER to OUTSIDE LAYER		
3) Jacket					0.020" Wall, Nom.,PVC	0.231 (0.242 Max.)	
a) Color(s)					SLATE		
b) Print					ALPHA WIRE-* P/N M33504 4C 18 AWG EXXXXX 75C CMG (UL) OR AWM 2509 80C 300V C(UL) 75C CMG CE ROHS * = Factory Code [Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]		

Applicable Specifications

1) UL	AWM/STYLE 2509	80°C / 300 V _{RMS}
	CMG	75°C
2) CSA International	C(UL) TYPE CMG	75°C
	FT4	
3) CE: EU Low Voltage Directive 2014/35/EU		

Environmental

1) CE: EU Directive 2011/65/EU(RoHS2), EU Directive 2015/863/EU (RoHS3):	
	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.
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.
3) California Proposition 65:	This product may contain substances known to the State of California to cause Cancer or Reproductive Harm, but is exempt from labeling based on the Consent Judgement. See the Alpha Wire website for more information.

Properties

-20 to 80°C
10X Cable Diameter
50 Lbs, Maximum
(For Engineering purposes only)
300 V _{RMS}
34 pF/ft @1 kHz, Nominal Conductor to Conductor
0.18 μH/ft, Nominal
7 Ω/1000ft @20°C, Nominal

Other

Packaging	Flange x Traverse x Barrel (inches)		
a) 1000 FT	12 x 10.5 x 5 Continuous length		
b) 500 FT	12 x 5.94 x 5 Continuous length		
c) 100 FT	6.5 x 4 x 2.5 Continuous length		
d) Bulk(Made-to-order)			
	[Spool dimensions may vary slightly]		

www.alphawire.com

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Tel: 1-800-52 ALPHA

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Alpha Wire □□□□M33504

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□□□□□□□□0.1% (1000 ppm) Lead Mercury □□□□□□□□0.01% (100 ppm) Cadmium Hexavalent Chromium □□□□□□□□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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