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□□**□ 6054C**

Construction

						Diameter ("in")	
1) Component 1					4 x 1 PAIR		
a) Conductor					22 (7/30) AWG Tinned Copper	0.030	
b) Insulation					0.016" Wall, Nom. PVC	0.062	
(1) Color Code		Alpha Wire Color Code A					
Pair	Color	Pair	Color	Pair	Color		_
1	BLACK-RED	3	BLACK-GREEN				
2	BLACK-WHITE	4	BLACK-BLUE				
c) Pair					2/Cond Cabled Together		
(1) T	wists					6.9 Twists/foot (min.)	
Indiv	idually Applied						
d) Shield					Foil Free Alum/Mylar Tape, 25% Overlap (min.)		
(1) Foil Direction					Foil Facing In		
(2) Drain Wire		22 (7/30) AWG Tinned Copper					
2) Cable Assembly					4 Components Cabled		
a) Twists					3.0 Twists/foot (min.)		
b) Orientation					Components to be arranged from INSIDE LAYER-to- OUTSIDE LAYER		
c) Core Wrap					Clear Mylar Tape, 25% Overlap (min.)		
3) Jacket		0.043" Wall, Nom. PVC	0.364 (0.380 max.)				
a) Color(s)					SLATE		
b) Print					ALPHA WIRE-* P/N 6054C 4PR 22 AWG SHIELDED 75C (UL) TYPE CM OR AWM 2464 OR C(UL) 75C TYPE CMG FT4 CE ROHS * = Factory Code Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.		

Applicable Specifications

1) UL	AWM/STYLE 2464	80°C / 300 V _{RMS}
	СМ	75°C
	VW-1	
2) CSA International	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 detail.

Properties

Physical & Mechanical Properties		
1) Temperature Range	-20 to 80°C	
2) Bend Radius	10X Cable Diameter	
3) Pull Tension	66 lbs. (max.)	
Electrical Properties	For Engineering purposes only	
1) Voltage Rating	300 V _{RMS}	
2) Mutual Capacitance	38 pF/ft @1 kHz, Nominal	
3) Ground Capacitance	68 pF/ft @1 kHz, Nominal	
4) Characteristic Impedance	56 ω	
5) Inductance	0.2 μH/ft, Nominal	
6) Conductor DCR	16.6 ω/1000ft @20°C, Nominal	
7) Component Shield DCR	13.8 ω/1000ft @20°C, Nominal	

Other

Packaging Flange x Traverse x Barrel (inches)		
a) 1000 FT 18 x 14.25 x 8 Continuous Length		
b) 500 FT	13.5 x 10 x 4 Continuous Length	
c) 100 FT	12 x 5.94 x 5 Continuous Length	
[pool dimensions may vary slightly		

www.alphawire.com

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Alpha Wire □□□□6054C

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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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