

|--|--|--|--|--|--|

		M	1	1	1	6
--	--	---	---	---	---	---

Construction

						Diameters (In)	
1) Component 1					6 X 1 COND		
a) Cond	ductor					22 (19/34) AWG Tinned Copper	0.032
b) Insulation					0.016" Wall, Nom. FRPE	0.064	
(1) Colo	or Code					Alpha Wire Color Code H	
Cond	Color	Cond	Color	Cond	Color		
1	BLACK	3	RED	5	YELLOW	1	
2	WHITE	4	GREEN	6	BLUE		
2) Cabl	e Assembl	y	·	•	·	6 Components Cabled	
a) Twists:					4.4 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) Shield					Tinned Copper BRAID Shield,90% Coverage, Min.		
4) Jacket					0.020" Wall, Nom.,PVC	0.258 (0.271 Max.)	
a) Color(s)					SLATE		
b) Print					ALPHA WIRE-* P/N M1116 6C 22 AWG EXXXXXX (UL) TYPE CM 75C OR AWM 2094 CE ROHS * = Factory Code		

Applicable Specifications

1) UL	СМ	75°C
	AWM/STYLE 2094	60°C / 300 V _{RMS}
2) 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) 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

Physical & Mechanical Properties		
1) Temperature Range	-20 to 75℃	
2) Bend Radius	10X Cable Diameter	
3) Pull Tension	42 Lbs, Maximum	
Electrical Properties	(For Engineering purposes only)	
1) Voltage Rating	300 V _{RMS}	
2) Capacitance	22.7 pF/ft @1 kHz, Nominal Conductor to Conductor	
3) Ground Capacitance	41 pF/ft @1 kHz, Nominal	
4) Inductance	0.2 μH/ft, Nominal	
5) Conductor DCR	15.3 Ω/1000ft @20°C, Nominal	
6) OA Shield DCR	3.1 Ω/1000ft @20°C, Nominal	

Other

Packaging	Flange x Traverse x Barrel (inches)	
a) 1000 FT	13.5 x 10 x 4 Continuous length	
b) 500 FT	11 x 8.5 x 5 Continuous length	
c) 100 FT	10.5 x 5 x 3.5 Continuous length	
d) Bulk(Made-to-order)		
	[Spool dimensions may vary slightly]	

www.alphawire.com

Alpha Wire 2200 US Highway 27 South Richmond, IN 47374

Tel: 1-800-52 ALPHA



Richmond, IN 47374
Tel: 1-800-52 ALPHA
Web: www.alphawire.com

	_	_	_	
_	_	_	_	

Alpha Wire □□□□M1116

M1116000RoHS0000 2005/7/1 000000

□□□□□□□□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)

Alpha Wire DDDDDDDD

□□□□□□□ Dave Watson 2025/11/1