



□□□ M131 2	27		
Construction			

						Diameters (In)	
1) Co	mponent 1					27 X 1 PAIR	
a) Conductor			22 (7/30) AWG Tinned Copper	0.030			
b) Ins	sulation					0.010" Wall, Nom. Polypropylene(PP)	0.050
(1) Co	olor Code					Alpha Wire Color Code K	
Pair	Color	Pair	Color	Pair	Color		
1	BLACK-RED	10	RED-BLUE	19	WHITE- BLUE		
2	BLACK- WHITE	11	RED- YELLOW	20	WHITE- YELLOW		
3	BLACK- GREEN	12	RED- BROWN	21	WHITE- BROWN		
4	BLACK- BLUE	13	RED- ORANGE	22	WHITE- ORANGE		
5	BLACK- YELLOW	14	GREEN- WHITE	23	BLUE- YELLOW		
6	BLACK- BROWN	15	GREEN- BLUE	24	BLUE- BROWN		
7	BLACK- ORANGE	16	GREEN- YELLOW	25	BLUE- ORANGE		
8	RED-WHITE	17	GREEN- BROWN	26	BROWN- YELLOW		
9	RED-GREEN	18	GREEN- ORANGE	27	BROWN- ORANGE		
c) Pai	r					2/Cond Cabled Together	
(1) Tv	vists:					8.0 Twists/foot (min)	
Indivi	idually Applied	d:					
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			27 Components Cabled				
a) Twists:			1.4 Twists/foot (min)				
b) Orientation:			Components to be arranged from INSIDE LAYER to OUTSIDE LAYER				
c) Co	re Wrap					Clear Mylar Tape, 25% Overlap, Min.	
3) Jac	ket					0.050" Wall, Nom.,PVC	0.672 (0.705 Max.)
a) Co	lor(s)					SLATE	
b) Pri	nt					ALPHA WIRE-* P/N M13127 27PR 22 AWG EXXXXXX 75C SHIELDED CM (UL) C(UL) OR AWM STYLE 2919 LOW VOLTAGE COMPUTER CABLE CE ROHS * = Factory Code [Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]	

Applicable Specifications

1) UL	AWM/STYLE 2919	75°C / 30 V _{RMS}	
	СМ	75°C	
2) CSA International	C(UL) TYPE CM	75°C	
3) CE:	EU Low Voltage Directive 2014/35/EU		

Environmental

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.
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.
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			
-20 to 75°C			
10X Cable Diameter			
445 Lbs, Maximum			
(For Engineering purposes only)			
300 V _{RMS}			
25 pF/ft @1 kHz, Nominal			
45 pF/ft @1 kHz, Nominal			
61 Ω			
0.18 μH/ft, Nominal			
16.6 Ω/1000ft @20°C, Nominal			
14.4 Ω/1000ft @20°C, Nominal			
	10X Cable Diameter 445 Lbs, Maximum (For Engineering purposes only) 300 V _{RMS} 25 pF/ft @1 kHz, Nominal 45 pF/ft @1 kHz, Nominal 61 Ω 0.18 μH/ft, Nominal 16.6 Ω/1000ft @20°C, Nominal		

Other

Packaging	Flange x Traverse x Barrel (inches)	
a) 1000 FT	30 x 14 x 12 Continuous length	
b) 500 FT	20 x 11 x 8 Continuous length	
c) 100 FT	18 x 9 x 8 Continuous length	
d) Bulk(Made-to-order)		
	[Spool dimensions may vary slightly]	

www.alphawire.com

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Alpha Wire □□□□M13127

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

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