

## **Customer Specification**

**PART NO. 6361**

### **Construction**

						<b>Diameter ("in")</b>	
1) Component 1						37 x 1 COND	
a) Conductor						24 (7/32) AWG Tinned Copper	0.024
b) Insulation						0.016" Wall, Nom. Polyethylene, Foam	0.056
(1) Color Code						Alpha Wire Color Code F	
Cond	Color	Cond	Color	Cond	Color		
1	BLACK	14	GREEN/WI	27	BLUE/BLAC		
2	WHITE	15	BLUE/WHI	28	BLACK/REE		
3	RED	16	BLACK/REI	29	WHITE/REL		
4	GREEN	17	WHITE/REI	30	RED/BLACK		
5	ORANGE	18	ORANGE/I	31	GREEN/BL/		
6	BLUE	19	BLUE/RED	32	ORANGE/B		
7	WHITE/BL	20	RED/GREE	33	BLUE/WHI		
8	RED/BLAC	21	ORANGE/C	34	BLACK/WH		
9	GREEN/BL	22	BLACK/WH	35	WHITE/REE		
10	ORANGE/I	23	WHITE/BL	36	ORANGE/V		
11	BLUE/BLAC	24	RED/BLAC	37	WHITE/REE		
12	BLACK/WH	25	GREEN/BL				
13	RED/WHIT	26	ORANGE/I				
2) Cable Assembly						37 Components Cabled	
a) Twists						2.1 Twists/foot (min.)	
b) Orientation						Components to be arranged from INSIDE LAYER-to-OUTSIDE LAYER	
3) Shield						Alum/Mylar Tape, 25% Overlap (min.)	
a) Foil Direction						Foil Facing Out	
b) Drain Wire						24 (7/32) AWG Tinned Copper	
c) Braid						Tinned Copper, 65% Coverage (min.)	
4) Jacket						0.048" Wall, Nom. PVC	0.514 (0.537 max.)
a) Color(s)						SLATE	
b) Print						ALPHA WIRE-* P/N 6361 37C 24 AWG SHIELDED 75C (UL) TYPE CM OR AWM 2919 LOW VOLTAGE COMPUTER CABLE --- LLXXXXXX CSA TYPE CMH FT1 CE ROHS * = Factory Code <i>Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.</i>	

## Applicable Specifications

1) UL	AWM/STYLE 2919	80°C / 30 V <sub>RMS</sub>
	CM	75°C
	VW-1	
2) CSA International	CMH	60°C
	FT1	
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	142 lbs. (max.)
Electrical Properties	
	<i>(For Engineering purposes only)</i>
1) Voltage Rating	300 V <sub>RMS</sub>
2) Mutual Capacitance	12 pF/ft @1 kHz, Nominal
3) Ground Capacitance	22 pF/ft @1 kHz, Nominal
4) Conductor DCR	26 $\omega$ /1000ft @20°C, Nominal
5) OA Shield DCR	2.1 $\omega$ /1000ft @20°C, Nominal

## Other

Packaging	Flange x Traverse x Barrel (inches)
a) 1000 FT	24 x 14 x 12 Continuous Length
b) 500 FT	18 x 14.25 x 8 Continuous Length
c) 100 FT	18 x 9 x 8 Continuous Length
	<i>Spool dimensions may vary slightly.</i>

[www.alphawire.com](http://www.alphawire.com)

Alpha Wire  
2200 US Highway 27 South  
Richmond, IN 47374

Tel: 1-800-52 ALPHA

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