

# Customer Specification

## PART NO. 25060\_70

### Construction

			Diameters (In)		
1) Component 1		70 X 1 COND			
a) Conductor		20 (7/28) AWG Tinned Copper		0.038	
b) Insulation		0.016" Wall, Nom. PVC		0.070	
(1) Color Code		Alpha Wire Color Code D			
Cond	Color	Cond	Color	Cond	Color
1	BLACK	25	WHITE/BLACK/RED	49	WHITE/BLUE/BLUE
2	RED	26	WHITE/BLACK/GREEN	50	WHITE/BLUE/BROWN
3	WHITE	27	WHITE/BLACK/YELLOW	51	WHITE/BLUE/VIOLET
4	GREEN	28	WHITE/BLACK/BLUE	52	WHITE/BROWN/BLACK
5	ORANGE	29	WHITE/BLACK/BROWN	53	WHITE/BROWN/RED
6	BLUE	30	WHITE/BLACK/ORANGE	54	WHITE/BROWN/GREEN
7	BROWN	31	WHITE/BLACK/SLATE	55	WHITE/BROWN/BLUE
8	YELLOW	32	WHITE/BLACK/VIOLET	56	WHITE/BROWN/BROWN
9	VIOLET	33		57	

			WHITE/BLACK/ LACK		WHITE/BROWN/ VIOLET
10	SLATE	34	WHITE/RED/BLA CK	58	WHITE/VIOLET/R ED
11	PINK	35	WHITE/RED/RED	59	WHITE/VIOLET/G REEN
12	TAN	36	WHITE/RED/GRE EN	60	WHITE/VIOLET/B LUE
13	RED/GREEN	37	WHITE/RED/BLU E	61	WHITE/BLACK/R ED/GREEN
14	RED/YELLOW	38	WHITE/RED/BRO WN	62	WHITE/BLACK/R ED/YELLOW
15	RED/BLACK	39	WHITE/RED/VIOL ET	63	WHITE/BLACK/R ED/BLUE
16	WHITE/BLACK	40	WHITE/GREEN/B LACK	64	WHITE/BLACK/R ED/BROWN
17	WHITE/RED	41	WHITE/GREEN/R ED	65	WHITE/BLACK/R ED/ORANGE
18	WHITE/GREEN	42	WHITE/GREEN/G REEN	66	WHITE/BLACK/R ED/SLATE
19	WHITE/YELLOW	43	WHITE/GREEN/B LUE	67	WHITE/BLACK/R ED/VIOLET
20	WHITE/BLUE	44	WHITE/GREEN/B ROWN	68	WHITE/BLACK/G REEN/YELLOW
21	WHITE/BROWN	45	WHITE/GREEN/V IOLET	69	WHITE/BLACK/G REEN/BLUE
22	WHITE/ORANGE	46	WHITE/BLUE/BL ACK	70	WHITE/BLACK/G REEN/BROWN
23	WHITE/SLATE	47	WHITE/BLUE/RE D		

24	WHITE/VIOLET	48	WHITE/BLUE/GR EEN		
2) Cable Assembly		70 Components Cabled			
a) Twists:		1.5 Twists/foot (min)			
b) Orientation:		Components to be arranged from INSIDE LAYER to OUTSIDE LAYER			
c) Core Wrap		Nonwoven Polyester Tape, 25% Overlap, Min.			
3) Jacket		0.083" Wall, Nom., Polyurethane (TPU)		0.859 (0.893 Max.)	
a) Color(s)		Slate, Black, Yellow, Orange, Blue, Green, Red, Sand Beige, White			
b) Ripcord		1 End 810 Denier Nylon			
c) Print		ALPHA WIRE-* P/N 25060/70 XTRAGUARD(R) 2 RU AWM 20668 VW-1 OR CRU AWM I/II A/B 90C 300 VOLTS FT1 CE ROHS (SEQ FOOTAGE) * = Factory Code			

## Applicable Specifications

1) UL		
a) Component 1	AWM/STYLE 1569	105°C / 300 V <sub>RMS</sub>
b) Overall	AWM/STYLE 20668	90°C / 300 V <sub>RMS</sub>
	VW-1	
2) CSA International	C(RU) AWM I/II A/B	90°C / 300 V <sub>RMS</sub>
	FT1	
3) CE:	EU Low Voltage Directive 2014/35/EC	

## Environmental

1) CE: EU Directive 2011/65/EU(RoHS2):	
	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. Consult Alpha Wire's web site for RoHS C of C.
2) California Proposition 65:	Exempt from warning labels based on the Consent Judgment. Please see

## Other

Packaging	Flange x Traverse x Barrel (inches)
a) Bulk(Made-to-order)	

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

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# EU/China ROHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number: 25060/70

25060/70, RoHS-Compliant Commencing With 8/1/2005 Production

Note: all colors and put-ups

This document certifies that the Alpha part number cited above is manufactured in accordance with Directive 2011/65/EU of the European Parliament, better known as the RoHS Directive (commonly known as RoHS 2), with regards to restrictions of the use of certain hazardous substances used in the manufacture of electrical and electronic equipment. This certification extends to amending Directive 2015/863/EU which expanded the list of restricted substances to 10 items (commonly known as RoHS XYZ) The reader is referred to these Directives for the specific definitions and extents of the Directives. **No Exemptions are required for RoHS Compliance on this item.** Additionally, Alpha certifies that the listed part number is in compliance with China RoHS "Marking for Control of Pollution by Electronic Information Products" standard SJ/T 11364-2014.

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

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Authorized Signatory for the Alpha Wire:

Dave Watson, Director of Engineering & QA

6/9/2020

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