



□□□ **3470/25C**

Construction

						Diameter ("in")	
1) Component 1						25 x 1 COND	
a) Con	•						0.015
b) Insu						28 (7/36) AWG Tinned Copper	0.015
						0.010" Wall, Nom. PVC, Semi-Rigid	0.035
_	or Code		1			Alpha Wire Color Code D	_l
Cond	Color	Cond	Color	Cond	Color		
1	BLACK	10	SLATE	19	WHITE/YEL		
2	RED	11	PINK	20	WHITE/BLL		
3	WHITE	12	TAN	21	WHITE/BRC		
4	GREEN	13	RED/GREEN	22	WHITE/OR		
5	ORANGE	14	RED/YELLC	23	WHITE/SLA		
6	BLUE	15	RED/BLACk	24	WHITE/VIC		
7	BROWN	16	WHITE/BLA	25	WHITE/BLA		
8	YELLOW	17	WHITE/REE				
9	VIOLET	18	WHITE/GRI				
2) Cab	le Assembly	/				25 Components Cabled	
a) Twists					4.0 Twists/foot (min.)		
b) Orientation					Components to be arranged from INSIDE LAYER-to- OUTSIDE LAYER		
3) Shie	eld					Alum/Mylar Tape, 25% Overlap (min.)	
a) Foil	Direction					Foil Facing Out	
b) Drai	in Wire					28 (7/36) AWG Tinned Copper	
c) Braid	d					Tinned Copper, 65% Coverage (min.)	
4) Jacket					0.035" Wall, Nom. PVC	0.312 (0.331 max.	
a) Color(s)					SLATE		
b) Print						ALPHA WIRE-* P/N 3470/25C 25C 28 AWG SHIELDED 75C (UL) TYPE CL2 OR AWM 2464 LLXXXXXX CSA TYPE CMG FT4 CE ROHS * = Factory Code Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.	

1) UL	AWM/STYLE 2464	80°C / 300 V _{RMS}	
	CL2	75°C	
	VW-1		
2) CSA International	CMG	60°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	42 lbs. (max.)
Electrical Properties	For Engineering purposes only
1) Voltage Rating	300 V _{RMS}
2) Capacitance	24.6 pF/ft @1 kHz, Nominal Conductor-to-Conductor
3) Ground Capacitance	44 pF/ft @1 kHz, Nominal
4) Inductance	0.22 μH/ft, Nominal
5) Conductor DCR	66 ω/1000ft @20°C, Nominal
6) OA Shield DCR	2.8 ω/1000ft @20°C, Nominal

Other

Packaging	Flange x Traverse x Barrel (inches)	
a) 1000 FT	18 x 9 x 8 Continuous Length	
b) 100 FT	10.5 x 5 x 3.5 Continuous Length	
	Spool dimensions may vary slightly.	
	spool aimensions 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

$\overline{}$	п	п	п	п
				1 1
				1 1
_	_	_	_	_

Alpha Wire DDDD3470/25C

3470/25C000RoHS0000 2005/3/1 000000

□□□□□□□□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) □□□□□□□□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 2025/11/28