

## Customer Specification

### PART NO. 1327C

## Construction

						Diameters ("in")	
1) Component 1						15 x 1 PAIR	
a) Conductor						22 (7/30) AWG Tinned Copper	0.030
b) Insulation						0.010" Wall, Nom. PVC, Semi-Rigid	0.050
(1) Color Code						Alpha Wire Color Code A	
Pair	Color	Pair	Color	Pair	Color		
1	BLACK-RED	6	BLACK-YELLOW	11	RED-YELLOW		
2	BLACK-WHITE	7	BLACK-ORANGE	12	RED-BROWN		
3	BLACK-GREEN	8	RED-GREEN	13	RED-ORANGE		
4	BLACK-BLUE	9	RED-WHITE	14	GREEN-BLUE		
5	BLACK-BROWN	10	RED-BLUE	15	GREEN-WHITE		
c) Pair						2/Cond Cabled Together	
(1) Twists						8.0 Twists/foot (min.)	
2) Cable Assembly						15 Components Cabled	
a) Twists						2.2 Twists/foot (min.)	
b) Orientation						Components to be arranged from INSIDE LAYER0-to-OUTSIDE LAYER	
c) Core Wrap						Clear Mylar Tape, 25% Overlap, (min.)	
3) Jacket						0.040" Wall, Nom. PVC	0.460 (0.484 max.)
a) Color(s)						SLATE	
b) Print						ALPHA WIRE-* P/N 1327C 15PR 22 AWG 75C (UL) TYPE CM OR AWM 2576 --- LLXXXXXX CSA TYPE CMG FT4 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 2576	80°C / 150 V <sub>RMS</sub>
	CM	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	165 lbs., max.
Electrical Properties	
<i>(For Engineering purposes only)</i>	
1) Voltage Rating	300 V <sub>RMS</sub>
2) Mutual Capacitance	22.8 pF/ft @1 kHz, Nominal
3) Characteristic Impedance	80 ω
4) Inductance	0.18 μH/ft, Nominal
5) Conductor DCR	16.6 ω/1000ft @20°C, Nominal

## Other

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<b>Packaging</b>	Flange x Traverse x Barrel (inches)
a) 1000 FT	24 x 14 x 12 Continuous length
	<i>Spool dimensions may vary slightly.</i>

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

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Alpha Wire □□□□1327C

Alpha 2011/65/EU RoHS2015/863/EU  
RoHS SJ/T 11364-2014

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

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