

## Customer Specification

### PART NO. 58120/15

### Construction

						Diameters (In)	
1) Component 1						15 X 1 COND	
a) Conductor						22 (7/30) AWG BC	
b) Insulation						0.008" Wall, Nom. PVC, Plenum Rated	
(1) Color Code						Alpha Wire Color Code D2	
Cond	Color	Cond	Color	Cond	Color		
1	BLACK	6	BLUE	11	PINK		
2	WHITE	7	ORANGE	12	TAN		
3	RED	8	YELLOW	13	WHITE/BLUE		
4	GREEN	9	VIOLET	14	WHITE/ORAN		
5	BROWN	10	SLATE	15	WHITE/GREEN		
2) Cable Assembly						15 Components Cabled	
a) Twists:						3.0 Twists/foot (min)	
3) Shield:						Alum/Mylar Tape, 25% Overlap, Min.	
a) Foil Direction						Foil Facing Out	
b) Drain Wire						24 (7/32) AWG TC	
4) Jacket						0.015" Wall, Nom.,PVC, Plenum Rated	
a) Color(s)						SLATE	
b) Print						ALPHA WIRE-* P/N 58120/15 15C 22 AWG SHIELDED 75C CMP(UL) C(UL) OR 75C (UL) CL2P CE ROHS * = Factory Code <i>[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]</i>	

### Applicable Specifications

1) UL	CL2P	75°C
	CMP	75°C
2) CSA International	FT6	
	C(UL) TYPE CMP	75°C
3) CE:	EU Low Voltage Directive 2006/95/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. No Exemptions are required for RoHS Compliance on this item. Consult Alpha Wire's web site for <a href="#">RoHS C of C</a> .
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. For up-to-date information, please see <a href="#">Alpha's REACH SVHC Declaration</a> .
3) California Proposition 65:	
	The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65.

## Properties

Physical & Mechanical Properties	
1) Temperature Range	-5 to 75°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	86 Lbs, Maximum
Electrical Properties	
	(For Engineering purposes only)
1) Voltage Rating	300 V <sub>RMS</sub>
2) Capacitance	51 pf/ft @1 kHz, Nominal Conductor to Conductor
3) Ground Capacitance	92 pf/ft @1 kHz, Nominal
4) Inductance	0.17 μH/ft, Nominal
5) Conductor DCR	15.2 Ω/1000ft @20°C, Nominal
6) OA Shield DCR	15.9 Ω/1000ft @20°C, Nominal

## Other

Packaging	Flange x Traverse x Barrel (inches)
a) 1000 FT	12 x 12 x 3.5 Continuous length
b) 500 FT	12 x 6 x 3.5 Continuous length
	<i>[Spool dimensions may vary slightly]</i>

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

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