

# Customer Specification

## PART NO. 1608

### Construction

		Diameters (In)			
1) Component 1		8 X 1 COND			
a) Conductor		26 (7/34) AWG BC			
b) Insulation		0.009" Wall, Nom. Polypropylene(PP)		0.037	
(1) Color(s)					
Cond	Color	Cond	Color	Cond	Color
1	SLATE	4	RED	7	BLUE
2	ORANGE	5	GREEN	8	BROWN
3	BLACK	6	YELLOW		
2) Cable Assembly		8 Components run parallel under jacket.			
3) Jacket		0.024" Wall, Nom.,PVC		0.090X0.350	
a) Color(s)		SILVER			

### Industry Approvals

### Environmental

1) EU Directive 2002/95/EC(RoHS):	
	All materials used in the manufacture of this part are in compliance with EU Directive 2002/95/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Consult Alpha Wire's web site for compliance Date of Manufacture.
2) 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	-20 to 60&deg;C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	17.5 Lbs, Maximum
Electrical Properties (For Engineering purposes only)	
1) Voltage Rating	150 V <sub>RMS</sub>
2) Capacitance	13.4 pf/ft @1 kHz, Nominal Conductor to Conductor
3) Inductance	0.2 μH/ft, Nominal
4) Conductor DCR	38 /1000ft @20&deg;C, Nominal

### Other

1) Packaging	
a) BOX 1000FT	
b) BOX 328 FT	

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

Alpha Wire | 711 Lidgerwood Avenue, Elizabeth, NJ 07207

Tel: 1-800-52 ALPHA (25742)

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## RoHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number: 1608

1608 , RoHS-Compliant Commencing With 7/1/2004 Production

*This document certifies that the Alpha part numbers cited above are manufactured in accordance with Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003, better known as the RoHS Directives, with regards to restrictions of the use of certain hazardous substances used in the manufacture of electrical and electronic equipment. The reader is referred to these Directives for the specific definitions and extents of these Directives. **No Exemptions are required for RoHS Compliance on this item.***

<b>Substance</b>	<b>Maximum Control Value</b>
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)

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Authorized Signatory for the Alpha Wire Company:

Dave Watson, Director of Engineering &QA

1/15/2010