

# Customer Specification

## PART NO. 1604

### Construction

				Diameters (In)	
1) Component 1		4 X 1 COND			
a) Conductor		26 (7/34) AWG BC		0.019	
b) Insulation		0.009" Wall, Nom. Polypropylene(PP)		0.037	
(1) Color(s)					
Cond	Color	Cond	Color	Cond	Color
1	BLACK	3	GREEN		
2	RED	4	YELLOW		
2) Cable Assembly		4 Components run parallel under jacket.			
3) Jacket		0.024" Wall, Nom.,PVC		0.090X0.196	
				(0.097X0.205 Max.)	
a) Color(s)		SILVER			

### Applicable Specifications

### 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°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	8.7 Lbs, Maximum
Electrical Properties (For Engineering purposes only)	
1) Voltage Rating	150 V <sub>RMS</sub>
2) Capacitance	13.3 pf/ft @ 1 kHz, Nominal Conductor to Conductor
3) Inductance	0.2 μH/ft, Nominal
4) Conductor DCR	38 /1000ft @20°C, Nominal

### Other

<b>Packaging</b>	Flange x Traverse x Barrel (inches)
a) BOX 1000FT	7-5/8 EASY REEL: Continuous length
b) BOX 328 FT	7-5/8 EASY REEL: Continuous length
	[Spool dimensions may vary slightly]

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## RoHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number:1604

1604 , RoHS-Compliant Commencing With7/1/2004Production

*This document certifies that the Alpha part numbers cited above are manufactured in accordancewith 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 hazardousubstances used in the manufacture of electrical and electronic equipment. The reader is referredto these Directives for the specific definitions and extents of these Directives. **No Exemptions arerequired 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)	0.1% by weight (1000 ppm)
Including Deca-BDE	0.1% by weight (1000 ppm)

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