

Customer Specification

PART NO. 1608

Construction

					Diameters (In))	
1) Component 1		8 X 1 COND	8 X 1 COND				
a) Conductor 26		26 (7/34) AWG	26 (7/34) AWG Bare Copper			0.019	
b) Insulation		0.009" Wall, No	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 0		8 Components	8 Components run parallel under jacket.				
3) Jacket 0.0		0.024" Wall, No	024" Wall, Nom.,PVC			0.090+/- 0.007	
					X 0.350+/- 0.00	09	
a) Color(s)		SILVER	SILVER				

Applicable Specifications

1) 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 information.			

Properties

Physical & Mechanical Properties				
1) Temperature Range	-20 to 60°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 _{RMS}			
2) Capacitance	13.3 pF/ft @1 kHz, Nominal Conductor to Conductor			
3) Inductance	0.2 μH/ft, Nominal			
4) Conductor DCR	38 Ω/1000ft @20°C, Nominal			

Other

Packaging	Flange x Traverse x Barrel (inches)
a) BOX 1000FT	9-1/2 EASY REEL: Continuous length
b) BOX 328 FT	7-5/8 EASY REEL: Continuous length
	[Spool dimensions may vary slightly]

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EU/UK/China ROHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number: 1608

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

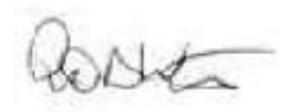
Note: all colors and put-ups

This document certifies that the Alpha part number cited above, including all packaging materials, is manufactured in accordance with Directive 2011/65/EU of the European Parliament, better known as the RoHS Directive (commonly known as RoHS 2), with regards to restrictions of the use of certain hazardous substances used in the manufacture of electrical and electronic equipment. This certification extends to amending Directive 2015/863/EU which expanded the list of restricted substances to 10 items (commonly known as RoHS 3). This product also complies with UK - RoHS. The reader is referred to these Directives for the specific definitions and extents of the Directives. **No Exemptions are required for RoHS Compliance on this item**. Additionally, Alpha certifies that the listed part number is in compliance with China RoHS 2 per GB/T 26572-2011.

Substance	Maximum Control Value
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)
Bis(2-ethylhexyl) phthalate (DEHP)	0.1% by weight (1000 ppm)
Butyl benzyl phthalate (BBP)	0.1% by weight (1000 ppm)
Dibutyl phthalate (DBP)	0.1% by weight (1000 ppm)
Diisobutyl phthalate (DIBP)	0.1% by weight (1000 ppm)

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Authorized Signatory for the Alpha Wire:



Dave Watson, Director of Engineering 4/18/2024

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