

Customer Specification

PART NO. 6398

Construction

				Diameters (In)	
1) Component 1		18 X 1 PAIR			
a) Conductor		28 (7/36) AWG Tinned Copper		0.015	
b) Insulation		0.010" Wall, Nom. Polyethylene(PE)		0.035	
(1) Color Code		Alpha Wire Color Code K			
Pair	Color	Pair	Color	Pair	Color
1	BLACK-RED	7	BLACK-ORANGE	13	RED-ORANGE
2	BLACK-WHITE	8	RED-WHITE	14	GREEN-WHITE
3	BLACK-GREEN	9	RED-GREEN	15	GREEN-BLUE
4	BLACK-BLUE	10	RED-BLUE	16	GREEN-YELLOW
5	BLACK-YELLOW	11	RED-YELLOW	17	GREEN-BROWN
6	BLACK-BROWN	12	RED-BROWN	18	GREEN-ORANGE
c) Pair		2/Cond Cabled Together			
(1) Twists:		12.0 Twists/foot (min)			
2) Cable Assembly		18 Components Cabled			
a) Twists:		2.8 Twists/foot (min)			
b) Orientation:		Components to be arranged from INSIDE LAYER to OUTSIDE LAYER			
3) Shield:		Alum/Mylar Tape, 25% Overlap, Min.			
a) Foil Direction		Foil Facing Out			
b) Drain Wire		28 (7/36) AWG Tinned Copper			
c) Braid		Tinned Copper,90% Coverage, Min.			
4) Jacket		0.035" Wall, Nom.,PVC		0.383 (0.407 Max.)	
a) Color(s)		SLATE			
b) Print		ALPHA WIRE-* P/N 6398 18PR 28 AWG SHIELDED 75C (UL) TYPE CL2 OR AWM 2960 C(UL) TYPE CM 60C FT1 CE ROHS * = Factory Code [Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]			

Applicable Specifications

Packaging	Flange x Traverse x Barrel (inches)
a) 1000 FT	18 x 14.25 x 8 Continuous length
b) 500 FT	18 x 9 x 8 Continuous length
c) 100 FT	12 x 5.94 x 5 Continuous length
	<i>[Spool dimensions may vary slightly]</i>

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EU/UK/China ROHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number: 6398

6398, RoHS-Compliant Commencing With 11/1/2004 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 "Marking for Control of Pollution by Electronic Information Products" standard SJ/T 11364-2014. This product is also in compliance with China RoHS 2 per GB/T 26572-2011.

Substance

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

Maximum Control Value

0.1% by weight (1000 ppm)
0.1% by weight (1000 ppm)
0.01% by weight (100 ppm)
0.1% by weight (1000 ppm)
0.1% by weight (1000 ppm)

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Authorized Signatory for the Alpha Wire:

Dave Watson, Director of Engineering 4/28/2024

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