

Especificación de Cliente

NO. DE PIEZA 55364

Construction

						Diameters (In)	
1) Component 1						4 X 1 COND	
a) Conductor						16 (19/.0117) AWG Tinned Copper	0.059
b) Insulation						0.011" Wall, Nom. FEP	0.081
(1) Color Code						Alpha Wire Color Code E	
Cond	Color	Cond	Color	Cond	Color		
1	BLACK	3	RED				
2	BROWN	4	ORANGE				
2) Cable Assembly						4 Components Cabled	
a) Twists:						4.4 Twists/foot (min)	
b) Orientation:						Components to be arranged from INSIDE LAYER to OUTSIDE LAYER	
c) Core Wrap						PTFE(skived) Tape, 25% Overlap, Min.	
3) Shield:						Alum/Mylar Tape, 25% Overlap, Min.	
a) Foil Direction						Foil Facing In	
b) Drain Wire						16 (19/.0117) AWG Tinned Copper	
4) Jacket						0.027" Wall, Nom.,FEP	0.262 (0.273 Max.)
a) Tint Color(s)						Natural Tan, Slate, Black, Yellow, Orange, Blue, Green, Red, White	
b) Ripcord						Para-Aramid fiber(Kevlar, Twaron or equal)	
c) Print						ALPHA WIRE-* XTRAGUARD(R) 5 16 AWG SHIELDED 150C E163860 (UL) C(UL) TYPE CMP OR AWM 20229 --- IEC EN 60332-1/-2 CE ROHS * = Factory Code <i>[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]</i>	

Applicable Specifications

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1) UL		
a) Component 1	AWM/STYLE 1886	150°C / 300 V _{RMS}
b) Overall	CMP	150°C
	AWM/STYLE 20229	150°C / 300 V _{RMS}
	UL-910/NFPA 262 (Steiner Tunnel) Flame Test	
2) CSA International	C(UL) TYPE CMP	150°C
	FT6	
3) IEC	EN 50356 Spark Testing	
	EN 50395, Section 10, Faults in Insulation	
	EN 50396, Section 4, Test Methods for Dimensions	
	EN 60228 Conductors, Class 2	
	EN 60332-1 Flame Behavior	
	EN 60332-2 Flame Behavior	
4) Other	ICEA T-29-520 210,000 BTU/Hr. Flame Test	
5) 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

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Physical & Mechanical Properties	
1) Temperature Range	-80 to 200°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	102 Lbs, Maximum
Electrical Properties	
(For Engineering purposes only)	
1) Voltage Rating	300 V _{RMS}
2) Capacitance	29 pF/ft @1 kHz, Nominal Conductor to Conductor
3) Ground Capacitance	52 pF/ft @1 kHz, Nominal
4) Inductance	0.15 μH/ft, Nominal
5) Conductor DCR	4.4 Ω/1000ft @20°C, Nominal
6) OA Shield DCR	3.4 Ω/1000ft @20°C, Nominal

Other

Packaging	Flange x Traverse x Barrel (inches)
a) 3280 FT	24 x 14 x 12 Continuous length
b) Bulk(Made-to-order)	
	<i>[Spool dimensions may vary slightly]</i>
Notes:	
a) Nature Tan color 3280ft packaging is for special order.	

www.alphawire.com

Alpha Wire
2200 US Highway 27 South
Richmond, IN 47374

Tel: 1-800-52 ALPHA

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EU/China ROHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number: 55364

55364, RoHS-Compliant Commencing With 01/08/2005 Production

Note: all colors and put-ups

This document certifies that the Alpha part number cited above is manufactured in accordance with Directive 2011/65/EU of the European Union (RoHS 2), with regards to restrictions of the use of certain hazardous substances used in the manufacture of electrical and electronic equipment. The list of restricted substances to 10 items (commonly known as RoHS 3) The reader is referred to these Directives for the specific definitions and **Compliance on this item**. Additionally, Alpha certifies that the listed part number is in compliance with China RoHS "Marking for Control"

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)

The information provided in this document and disclosure is correct to the best of Alpha Wire's knowledge, information and belief at the date of this document. This document is intended to be used as a guide for the safe handling, storage, and any other operation of the product itself or the one that it will become part of. The intent of this document is to provide Regulatory information for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulatory requirements. Authorized Signatory for the Alpha Wire:

Dave Watson, Director of Engineering & QA 09/06/2026

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