## ALPHA WIRE CUSTOMER PRODUCT SPECIFICATION

Part Number: 80145 Page 1 of 2 Pages		COSTOMER PRODUCT S	Issue: Issue Date: Effective Date:	1 3/27/2015 5/22/2015	
	struction			<u>Diameters (In)</u>	
í	Component 1 a) Conductor b) Insulation (1) Print (2) Color Code	7 X 1 COND 16 (65/34) AWG Tinned Cop 0.012" Wall, Nom. MPPE ALPHANUMERIC NUMBER INVERTED Alpha Wire Color Code KX		0.056 0.080 NG AND	
	Cond         Color           1         GREEN/YELLOW           2         BLACK#1           3         BLACK#2	Cond         Color           4         BLACK#3           5         BLACK#4           6         BLACK#5	Cond Color 7 BLAC	\$#6	
3) 4)	Cable Assembly a) Twists: b) Core Wrap Shield Jacket a) Color(s) b) Jacket Separator c) Print	7 Components Cabled 4.4 Twists/foot (min) Nonwoven Polyester Tape, 2 Tinned Copper BRAID Shiel 0.032" Wall, Nom., Polyureth SLATE Tissue Tape, 25% Overlap, 1 ALPHA WIRE-* P/N 80145 7 RU AWM STYLE 21959 900 CRU AWM I/II A/B 90C 600 CE ROHS (SEQ FO * = Factory Code	d,85% Coverage, Min. ane, Zero Halogen (ZH) Min. 7C 16 AWG C 600V SUN RES 60C C	DIL OR	
	icable Specifications				
, i	UL a) Component 1 b) Overall	AWM/STYLE 11231 AWM/STYLE 21959 60C OIL SUN RES	105°C / 600 V <sub>RMS</sub> 90°C / 600 V <sub>RMS</sub>		
2) (	CSA International	C(RU) AWM I/II A/B FT2	90°C / 600 V <sub>RMS</sub>		
í	IEC a) Component 1 b) Overall	EN 60228 Conductors, Class 6 EN 60754-1 Acid Gas Generation EN 60754-2 Acid Gas Generation EN 60332-1 Flame Behavior EN 60332-2 Flame Behavior			
	CE: ronmental Compliance	EU Low Voltage Directive 2006/95/EC			
1) (	CE:	EU Directive 2011/65/EU(RoHS2): This product complies with European Directive 2011/65/EU (RoHS Directive) of the European Parliament and of the Council of 8 June 2011. No Exemptions are required for RoHS Compliance on this item. Consult Alpha Wire's web site for RoHS C of C.			
2)	REACH Regulation (EC 190				
1) 2)   3)	<b>sical &amp; Mechanical Propert</b> Temperature Range Bend Radius Pull Tension Sunlight Resistance		°C (dynamic)		
		every reasonable effort to ensure theins and to changes without notice, and			
described herein are subject to errors or omissions and to changes without notice, and the listing of such information and specifications does not ensure product availability. Alpha provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Alpha be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary) whatsoever, even if Alpha has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.					

## ALPHA WIRE CUSTOMER PRODUCT SPECIFICATION

	rt Number: 80145 ge 2 of 2 Pages	Issue: Issue Date: Effective Date:	1 3/27/2015 5/22/2015
E.	Electrical Properties 1) Voltage Rating 2) Capacitance 3) Ground Capacitance 4) Inductance 5) Conductor DCR 6) OA Shield DCR Other 1) Packaging a) 100 FT b) Bulk(Made-to-order)	(For Engineering purposes only) $600 V_{RMS}$ 32 pf/ft @1 kHz, Nominal Conductor to Conductor 58 pf/ft @1 kHz, Nominal $0.16 \mu$ H/ft, Nominal $4.5 \Omega/1000$ ft @20°C, Nominal $3.5 \Omega/1000$ ft @20°C, Nominal Flange x Traverse x Barrel (inches) $12 \times 10 \times 5$ Continuous length [Spool dimensions may vary slightly]	

Although Alpha Wire Company ("Alpha") makes every reasonable effort to ensure their accuracy at the time of publication, information and specifications described herein are subject to errors or omissions and to changes without notice, and the listing of such information and specifications does not ensure product availability.

Alpha provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Alpha be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary) whatsoever, even if Alpha has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.