

Customer Specification

PART NO. 2254/4

Construction

						Diameter ("in")	
1) Component 1						4 x 1 COND	
a) Conductor						22 (7/30) AWG Tinned Copper	0.030
b) Insulation						0.016" Wall, Nom. PVC	0.062
(1) Color Code						Alpha Wire Color Code D1	
Cond	Color	Cond	Color	Cond	Color		
1	BLACK	3	WHITE				
2	RED	4	GREEN				
2) Cable Assembly						4 Components Cabled	
a) Twists						5.3 Twists/foot (min.)	
b) Orientation						Components to be arranged from INSIDE LAYER-to-OUTSIDE LAYER	
c) Core Wrap						Clear Mylar Tape, 25% Overlap (min.)	
3) Shield						Bare Copper SPIRAL Shield,95% Coverage (min.)	
4) Jacket						0.020" Wall, Nom. PVC	0.206 (0.217 max.)
a) Color(s)						SLATE	
b) Print						ALPHA WIRE-* P/N 2254/4 RU AWM 2095 80C 300V VW-1 CE ROHS * = Factory Code	

Applicable Specifications

1) UL	AWM/STYLE 2095	80°C / 300 V _{RMS}
2) CE	EU Low Voltage Directive 2014/35/EU	

Environmental

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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 detail.

Properties

Physical & Mechanical Properties	
1) Temperature Range	-20 to 80°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	26 lbs. (max.)
Electrical Properties	<i>For Engineering purposes only</i>
1) Voltage Rating	300 V _{RMS}
2) Capacitance	35 pF/ft @1 kHz, Nominal Conductor-to-Conductor
3) Ground Capacitance	63 pF/ft @1 kHz, Nominal
4) Inductance	0.2 µH/ft, Nominal
5) Conductor DCR	16.3 ω/1000ft @20°C, Nominal
6) OA Shield DCR	4.7 ω/1000ft @20°C, Nominal

Other

Packaging	Flange x Traverse x Barrel (inches)
a) 1000 FT	12 x 10.5 x 5 Continuous Length
b) 500 FT	10.5 x 5 x 3.5 Continuous Length
c) 100 FT	6.5 x 4 x 2.5 Continuous Length
	<i>Spool dimensions may vary slightly.</i>

www.alphawire.com

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SpecPDFFooterConfidential



Alpha 2011/65/EU RoHS2015/863/EURoHSSJ/T 11364-2014

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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)

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