

**ALPHA WIRE  
CUSTOMER PRODUCT SPECIFICATION**

<b>Part Number: 17-2531</b>	<b>Issue: 1</b>
<b>Page 1 of 1 Pages</b>	<b>Issue Date: 12/14/2017</b>
	<b>Effective Date: 1/1/2018</b>

- A. Construction** Diameters (mm)
- 1) Component 1 7 X 1 COND
  - a) Conductor 18 (24/32) AWG Bare Copper 1.12
  - b) Insulation 0.45 Wall, Nom. PVC 2.00
  - (1) Color(s)

Cond	Color	Cond	Color	Cond	Color
1	BLACK	4	ORANGE	7	YELLOW/GREEN
2	BROWN	5	BLUE		
3	RED	6	PURPLE		

- 2) Cable Assembly 7 Components Cabled
- a) Twists: 11.2 Twists/meter (min)
- b) Orientation: Components to be arranged from INSIDE LAYER to OUTSIDE LAYER
- 3) Jacket PVC 8.00 (8.40 Max.)
- a) Color(s) BLACK
- b) Print ALPHA WIRE-\* P/N 17-2531 7C 18 AWG (0.75mm<sup>2</sup>)  
80C 300V CE ROHS (SEQ METERS)  
\* = Factory Code

**B. Applicable Specifications**

- 1) UL VW-1
- 2) CE: EU Low Voltage Directive 2014/35/EC

**C. Environmental Compliance**

- 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 and the amending Directive 2015/863/EU of 4 June 2015. 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 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. For up-to-date information, please see [Alpha's REACH SVHC Declaration](#).

**D. Physical & Mechanical Properties**

- 1) Temperature Range -20 to 80°C
- 2) Bend Radius 10X Cable Diameter
- 3) Pull Tension 90 Lbs, Maximum

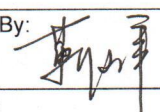
**E. Electrical Properties**

- (For Engineering purposes only)
- 1) Voltage Rating 300 V<sub>RMS</sub>
- 4) Conductor DCR 26 Ω/Km @20°C, Max.

**F. Other**

- 1) Packaging Flange x Traverse x Barrel (inches)
- a) Bulk(Made to order)

**This Design is custom, Made-To-Order & once accepted, the order is NON-CANCELLABLE & NON-RETURNABLE.**

Accepted By: 	Date: 2017.12.18
Company:	Title:

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