

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 1279
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Issue: 4
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A. Construction

Diameters (In)

- 1) Component 1 9 X 1 COND
- a) Conductor 14 (19/.0147) AWG TC
- b) Insulation 0.047" Wall, Nom. PVC 0.168
- (1) Color Code Alpha Wire Company Color Code F

Cond	Color	Cond	Color	Cond	Color
1	BLACK	4	GREEN	7	WHITE/BLACK
2	WHITE	5	ORANGE	8	RED/BLACK
3	RED	6	BLUE	9	GREEN/BLACK

- 2) Cable Assembly 9 Components Cabled
- a) Twists: 1.3 Twists/foot (min)
- b) Core Wrap Clear Mylar Tape, 25% Overlap, Min.
- 3) Jacket 0.065" Wall, Nom., PVC 0.744 (0.772 Max.)
- a) Color(s) SLATE
- b) Print ALPHA WIRE-* P/N 1279
RU AWM 2463 VW-1 80C 600V ROHS
* = Factory Code

B. Industry Approvals

- 1) UL AWM/STYLE 2463 80°C / 600 VRMS
VW-1
- 2) EU Directive 2002/95/EC(RoHS):
All materials used in the manufacture of this part are in compliance with EU Directive 2002/95/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Consult Alpha Wire's web site for compliance Date of Manufacture.
- 3) California Proposition 65: The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65.

C. Physical & Mechanical Properties

- 1) Temperature Range -20 to 80°C
- 2) Bend Radius 10X Cable Diameter
- 3) Pull Tension 290 Lbs, Maximum

D. Electrical Properties

- 1) Voltage Rating (For Engineering purposes only) 600 VRMS
- 2) Capacitance 27 pf/ft @1 kHz, Nominal Conductor to Conductor
- 3) Inductance 0.21 µH/ft, Nominal
- 4) Conductor DCR 2.8 Ω/1000ft @20°C, Nominal

E. Other

- 1) Packaging
 - a) 1000 FT
 - b) 500 FT
 - c) 100 FT

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