

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 2256/6
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Issue: 4
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A. Construction

Diameters (In)

- 1) Component 1 6 X 1 COND
a) Conductor 20 (10/30) AWG TC
b) Insulation 0.016" Wall, Nom. PVC 0.069
(1) Color Code Alpha Wire Company Color Code D1

| Cond | Color | Cond | Color | Cond | Color |
|------|-------|------|-------|------|--------|
| 1 | BLACK | 3 | WHITE | 5 | YELLOW |
| 2 | RED | 4 | GREEN | 6 | BLUE |

- 2) Cable Assembly 6 Components Cabled
a) Twists: 4.0 Twists/foot (min)
b) Core Wrap Clear Mylar Tape, 25% Overlap, Min.
3) Shield BC SPIRAL Shield, 95% Coverage, Min.
4) Jacket 0.020" Wall, Nom., PVC 0.264 (0.277 Max.)
a) Color(s) SLATE
b) Print ALPHA WIRE-* P/N 2256/6
RU AWM 2095 80C 300V VW-1 ROHS
* = Factory Code

B. Industry Approvals

- 1) UL AWM/STYLE 2095 80°C / 300 V_{RMS}
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 52 Lbs, Maximum

D. Electrical Properties

- (For Engineering purposes only)
1) Voltage Rating 300 V_{RMS}
2) Capacitance 44 pF/ft @1 kHz, Nominal Conductor to Conductor
3) Ground Capacitance 79 pF/ft @1 kHz, Nominal
4) Inductance 0.19 µH/ft, Nominal
5) Conductor DCR 11.5 Ω/1000ft @20°C, Nominal
6) OA Shield DCR 4.3 Ω/1000ft @20°C, Nominal

E. Other

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

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