

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 6624
Page 1 of 1 Pages

Issue: 5
Issue Date: 2/13/2006
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A. Construction

Diameters

- | | | |
|----------------|-----------------------------------|-------|
| 1) Component 1 | 4 X 1 COND | |
| a) Conductor | 24 (7/32) AWG TC | |
| b) Insulation | 0.010" Wall, Nom. PVC, Irradiated | 0.044 |
| (1) Color Code | Alpha Wire Color Code G | |

Cond	Color	Cond	Color	Cond	Color
1	WHITE	3	RED		
2	BLACK	4	GREEN		

- | | | |
|-------------------|---|--------------------|
| 2) Cable Assembly | 4 Components Cabled | |
| a) Twists: | 8.0 Twists/foot (min) | |
| b) Core Wrap | Clear Mylar Tape, 25% Overlap, Min. | |
| 3) Jacket | 0.032" Wall, Nom., PVC | 0.173 (0.184 Max.) |
| a) Color(s) | WHITE | |
| b) Print | ALPHA WIRE-* P/N 6624
RU AWM 2576 VW-1 80C 150V ROHS
* = Factory Code | |

B. Industry Approvals

- | | | |
|-----------------------------------|-----------------------|--------------|
| 1) UL | AWM/STYLE2576
VW-1 | 80°C / 150V |
| 2) Military | MIL-W-16878/Type B | 105°C / 600V |
| 3) 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.

- 4) 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 | -55 to 105°C |
| 2) Bend Radius | 10X Cable Diameter |
| 3) Pull Tension | 14.1 Lbs, Maximum |

D. Electrical Properties

- | | |
|---------------------------------|---|
| (For Engineering purposes only) | |
| 1) Voltage Rating | 600 V _{RMS} |
| 2) Capacitance | 26 pf/ft @1 kHz, Nominal Conductor to Conductor |
| 3) Inductance | 0.19 µH/ft, Nominal |
| 4) Conductor DCR | 26 Ω/1000ft @20°C, Nominal |

E. Other

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

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