
ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 6622
Page 1 of 1 Pages

Issue: 5
Issue Date: 2/13/2006
Effective Date: 3/15/2006

A. Construction

Diameters

- | | | |
|----------------|-----------------------------------|-------|
| 1) Component 1 | 2 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	2	BLACK		

- | | | |
|-------------------|-------------------------------------|--------------------|
| 2) Cable Assembly | 2 Components Cabled | |
| a) Twists: | 9.6 Twists/foot (min) | |
| b) Core Wrap | Clear Mylar Tape, 25% Overlap, Min. | |
| 3) Jacket | 0.032" Wall, Nom.,PVC | 0.155 (0.165 Max.) |
| a) Color(s) | WHITE | |
| b) Print | ALPHA WIRE-* P/N 6622 | |
| | RU AWM 2576 VW-1 80C 150V ROHS | |
| | * = Factory Code | |

B. Industry Approvals

- | | | |
|-----------------------------------|--------------------|--------------|
| 1) UL | AWM/STYLE2576 | 80°C / 150V |
| | VW-1 | |
| 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.

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|-------------------------------|--|
| 4) California Proposition 65: | The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65. |
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C. Physical & Mechanical Properties

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|----------------------|--------------------|
| 1) Temperature Range | -55 to 105°C |
| 2) Bend Radius | 10X Cable Diameter |
| 3) Pull Tension | 7 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 | 25 Ω/1000ft @20°C, Nominal |

E. Other

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

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