

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 7131
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Issue: 6
Issue Date: 1/8/2008
Effective Date: 2/29/2008

A. Construction

Diameters

- | | | |
|----------------|--|----------------|
| 1) Component 1 | 1 X 1 HOOKUP | |
| a) Conductor | 22 (7/30) AWG TC | |
| b) Insulation | 0.016" Wall, Nom. PVC, Irradiated | 0.062+/- 0.002 |
| (1) Print | ALPHA WIRE-* | |
| | EXXXXXX RU AWM 1430 105C 300V VW-1 | |
| | LLXXXXXX CSA REW XLPVC 105C 300V FT1 ROHS | |
| | * = Factory Code | |
| | <i>[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]</i> | |
| (2) Color(s) | WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN | |
| | ORANGE, GRAY, VIOLET, YELLOW/GREEN | |

B. Industry Approvals

- | | | |
|-----------------------------------|--|---------------|
| 1) UL | AWM/STYLE1430 | 105°C / 300V |
| 2) CSA International | REW-XLPVC FT1 | 105°C / 300V |
| 3) Military | MIL-W-16878E Type C | 105°C / 1000V |
| 4) 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. | |
| 5) 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 | 5.5 Lbs, Maximum |

D. Electrical Properties

- | | |
|---------------------------------|------------------------------|
| (For Engineering purposes only) | |
| 1) Voltage Rating | 300 V _{RMS} |
| 2) Inductance | 0.06 µH/ft, Nominal |
| 3) Conductor DCR | 16.2 Ω/1000ft @20°C, Nominal |

E. Other

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

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