

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 7012
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Issue: 7
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A. Construction

Diameters

- | | | |
|----------------|------------------------|----------------|
| 1) Component 1 | 1 X 1 HOOKUP | |
| a) Conductor | 22 (19/34) AWG TC | |
| b) Insulation | 0.011" Wall, Nom. XLPE | 0.054+/- 0.002 |
| (1) Print | ALPHA WIRE-* | |

EXXXXXX RU AWM 3265 125C 150V VW-1
 LLXXXXX CSA AWM IA/B 125C 150V FT1 ROHS
 * = Factory Code

[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]
 WHITE, BLACK

 (2) Color(s)

B. Industry Approvals

- | | | |
|-----------------------------------|---------------------|--------------|
| 1) UL | AWM/STYLE3265 | 125°C / 150V |
| 2) CSA International | AWM-I-A/B | 125°C / 150V |
| | FT1 | |
| 3) Military | MIL-W-16878E TYPE B | 105°C / 600V |
| 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 125°C |
| 2) Bend Radius | 10X Cable Diameter |
| 3) Pull Tension | 5.9 Lbs, Maximum |

D. Electrical Properties

(For Engineering purposes only)

- | | |
|-------------------|------------------------------|
| 1) Voltage Rating | 150 V _{RMS} |
| 2) Inductance | 0.05 µH/ft, Nominal |
| 3) Conductor DCR | 15.1 Ω/1000ft @20°C, Nominal |

E. Other

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

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