

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 9062AC
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Issue: 4
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A. Construction

Diameters

- | | | |
|----------------|------------------------------------|----------------|
| 1) Component 1 | 1 X 1 COAX | |
| a) Conductor | 22 (SOLID) AWG BCW | |
| b) Insulation | Semi-Solid Type A | |
| (1) Thread | 0.035" Polyethylene | |
| (2) Dielectric | 0.025" Wall, Nom. Polyethylene(PE) | 0.146+/- 0.005 |
| (3) Color(s) | | |

| Cond | Color | Cond | Color | Cond | Color |
|------|---------|------|-------|------|-------|
| 1 | NATURAL | | | | |

- | | | |
|-------------|--|----------------|
| 2) Shield | BC BRAID Shield,95% Coverage, Min. | |
| 3) Jacket | 0.034" Wall, Nom.,Type IIA PVC | 0.242+/- 0.005 |
| a) Color(s) | Slate, Black, Yellow, Orange, Blue, Green, Red, White | |
| b) Print | ALPHA WIRE-* P/N 9062AC RG 62A/U 1C 22 AWG SHIELDED (UL) TYPE CL2 OR AWM 1478 C(UL) CMH FT1 ROHS * = Factory Code | |

B. Industry Approvals

- | | | |
|-----------------------------------|-------------------------|-------------|
| 1) UL | AWM/STYLE1478 | 60°C / 30V |
| 2) CSA International | C(UL) TYPE CMH | 60°C |
| 3) Military | MIL-C-17A/30B, RG 62A/U | 80°C / 750V |
| 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 | -20 to 80°C |
| 2) Bend Radius | 10X Cable Diameter |
| 3) Pull Tension | 12.4 Lbs, Maximum |

D. Electrical Properties

(For Engineering purposes only)

- | | |
|------------------------------|-----------------------------|
| 1) Voltage Rating | 750 V _{RMS} |
| 2) Characteristic Impedance | 93 Ω +/- 5 |
| 3) Ground Capacitance | 13.5 pf/ft @1 kHz, Nominal |
| 4) Velocity of Propagation | 83 % |
| 5) Conductor DCR | 41 Ω/1000ft @20°C, Nominal |
| 6) OA Shield DCR | 2.6 Ω/1000ft @20°C, Nominal |
| 7) Voltage Withstanding | 3 kV, Minimum |
| 8) Attenuation, Max dB/100ft | 8 @ 400 MHz 13 @ 1 GHz |

E. Other

- | | |
|---------------|--|
| 1) Packaging | |
| a) 2000 FT | |
| b) BOX 1000FT | |
| c) 1000 FT | |
| d) 500 FT | |
| e) 100 FT | |

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