

**ALPHA WIRE COMPANY**  
**CUSTOMER PRODUCT SPECIFICATION**

Part Number: 9062A  
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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
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) | BLACK   |                |
| b) Print    | ALPHA WIRE-* P/N 9062A<br>RG 62A/U RU AWM STYLE 1478 ROHS |                |
|             | * = Factory Code  |                |

**B. Industry Approvals**

- |                                   |                         |             |
|-----------------------------------|-------------------------|-------------|
| 1) UL                             | AWM/STYLE1478           | 60°C / 30V  |
| 2) Military                       | MIL-C-17A/30B, RG 62A/U | 80°C / 750V |
| 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 | -20 to 80°C        |
| 2) Bend Radius       | 10X Cable Diameter |
| 3) Pull Tension      | 11 Lbs, Maximum    |

**D. Electrical Properties**

(For Engineering purposes only)

- |                              |                             |
|------------------------------|-----------------------------|
| 1) Voltage Rating            | 750 V <sub>RMS</sub>        |
| 2) Characteristic Impedance  | 93 Ω +/- 5                  |
| 3) Ground Capacitance        | 13.2 pf/ft @1 kHz, Nominal  |
| 4) Velocity of Propagation   | 83 %                        |
| 5) Conductor DCR             | 41 Ω/1000ft @20°C, Nominal  |
| 6) OA Shield DCR             | 3.2 Ω/1000ft @20°C, Nominal |
| 7) Voltage Withstanding      | 3 kV, Minimum               |
| 8) Attenuation, Max dB/100ft | 8 @ 400 MHz<br>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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