

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 1735
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Issue: 6
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A. Construction

Diameters

- | | | |
|----------------|-------------------------|-------|
| 1) Component 1 | 1 X 1 COND | |
| a) Conductor | 22 (7/30) AWG TC | |
| b) Insulation | 0.016" Wall, Nom. PVC | 0.062 |
| (1) Color Code | Alpha Wire Color Code D | |

Cond	Color	Cond	Color
1	BLACK		

- | | | |
|-------------|---|--------------------|
| 2) Shield | BC BRAID Shield, 75% Coverage, Min. | |
| 3) Jacket | 0.020" Wall, Nom., PVC | 0.124 (0.131 Max.) |
| a) Color(s) | GRAY | |
| b) Print | ALPHA WIRE-* P/N 1735
RU AWM 1108 80C 300V VW-1 ROHS
* = Factory Code | |

B. Industry Approvals

- | | | |
|-----------------------------------|--|---------------------|
| 1) UL | AWM/STYLE1108 | 80°C / 300V
VW-1 |
| 2) 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. | |
| 3) 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 | 7.5 Lbs, Maximum |
| D. Electrical Properties | (For Engineering purposes only) |
| 1) Voltage Rating | 300 V _{RMS} |
| 2) Ground Capacitance | 100 pf/ft @1 kHz, Nominal |
| 3) Inductance | 0.06 µH/ft, Nominal |
| 4) Conductor DCR | 16.2 Ω/1000ft @20°C, Nominal |
| 5) OA Shield DCR | 9.2 Ω/1000ft @20°C, Nominal |

E. Other

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

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