

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 2826
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Issue: 5
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- A. Construction** Diameters
- | | | | |
|----|----------------|--------------------------------|-------|
| 1) | Component 1 | 1 X 1 COND | |
| | a) Conductor | 16 (19/29) AWG SPC | |
| | b) Insulation | 0.012" Wall, Nom. Teflon(PTFE) | 0.080 |
| | (1) Color Code | Alpha Wire Color Code G | |

Cond	Color	Cond	Color	Cond	Color
1	WHITE				

- | | | | |
|----|-------------|-------------------------------------|--------------------|
| 2) | Shield | SPC BRAID Shield,90% Coverage, Min. | |
| 3) | Jacket | 0.010" Wall, Nom.,PTFE Tape | 0.122 (0.134 Max.) |
| | a) Color(s) | WHITE | |

B. Industry Approvals

- | | | | |
|----|--------------------------------|------------------------|--------------|
| 1) | Military | | |
| | a) Component 1 | MIL-W-16878/4 (Type E) | 200°C / 600V |
| 2) | Other | | |
| | a) Component 1 | NEMA HP3-EXBJE | 200°C / 600V |
| 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 | -55 to 200°C |
| 2) | Bend Radius | 10X Cable Diameter |
| 3) | Pull Tension | 21.7 Lbs, Maximum |

D. Electrical Properties

- (For Engineering purposes only)
- | | | |
|----|--------------------|-----------------------------|
| 1) | Voltage Rating | 600 V _{RMS} |
| 2) | Ground Capacitance | 85 pf/ft @1 kHz, Nominal |
| 3) | Inductance | 0.04 µH/ft, Nominal |
| 4) | Conductor DCR | 4.4 Ω/1000ft @20°C, Nominal |
| 5) | OA Shield DCR | 7.9 Ω/1000ft @20°C, Nominal |

E. Other

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

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