
ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 1116
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Issue: 5
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A. Construction

Diameters

- | | | |
|----------------|-------------------------|-------|
| 1) Component 1 | 3 X 1 COND | |
| a) Conductor | 30 (7/38) AWG TC | |
| b) Insulation | 0.010" Wall, Nom. PVC | 0.032 |
| (1) Color Code | Alpha Wire Color Code D | |

Cond	Color	Cond	Color	Cond	Color
1	BLACK	2	RED	3	WHITE

- | | |
|-------------------|------------------------|
| 2) Cable Assembly | 3 Components Cabled |
| a) Twists: | 48.0 Twists/foot (min) |

B. Industry Approvals

- 1) 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.

C. Physical & Mechanical Properties

- | | |
|----------------------|--------------------|
| 1) Temperature Range | -20 to 80°C |
| 2) Bend Radius | 10X Cable Diameter |
| 3) Pull Tension | 2.6 Lbs, Maximum |

D. Electrical Properties

(For Engineering purposes only)

- | | |
|-------------------|---------------------------------------------------|
| 1) Voltage Rating | 200 V _{RMS} |
| 2) Capacitance | 23.9 pf/ft @1 kHz, Nominal Conductor to Conductor |
| 3) Inductance | 0.23 μH/ft, Nominal |
| 4) Conductor DCR | 112 Ω/1000ft @20°C, Nominal |

E. Other

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

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