

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 1935/3
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Issue: 4
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A. Construction

Diameters (In)

- | | | |
|----------------|-----------------------------|-------|
| 1) Component 1 | 3 X 1 COND | |
| a) Conductor | 16 (26/30) AWG BC | |
| b) Insulation | 0.032" Wall, Nom. EP Rubber | 0.124 |
| (1) Color(s) | | |

Cond	Color	Cond	Color	Cond	Color
1	BLACK	2	WHITE	3	GREEN

- | | | |
|---------------------|---|----------------------|
| 2) Cable Assembly | 3 Components Cabled | |
| a) Twists: | 4.8 Twists/foot (min) | |
| 3) Jacket | 0.060" Wall, Nom., Chlorinated Polyethylene (CPE) | 0.400 +0.030/- 0.015 |
| a) Color(s) | BLACK | |
| b) Jacket Separator | Tissue Tape, 25% Overlap, Min. | |
| c) Print | PER UL & CSA REQUIREMENTS | |

B. Industry Approvals

- | | |
|----------------------|-------------|
| 1) UL | SOOW |
| 2) CSA International | FT2
SOOW |

C. Environmental 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.
- 2) REACH Regulation (EC 1907/2006):
This product does not contain any of the 16 substances listed on the European Union's REACH Substance of Very High Concern (SVHC) candidate list in excess of 0.1% mass of the item.

D. Physical & Mechanical Properties

- | | |
|----------------------|--------------------|
| 1) Temperature Range | -40 to 90 °C |
| 2) Bend Radius | 10X Cable Diameter |
| 3) Pull Tension | 61 Lbs, Maximum |

E. Electrical Properties

- (For Engineering purposes only)
- | | |
|-------------------|---|
| 1) Voltage Rating | 600 V _{RMS} |
| 2) Capacitance | 23.5 pf/ft @1 kHz, Nominal Conductor to Conductor |
| 3) Inductance | 0.2 μH/ft, Nominal |
| 4) Conductor DCR | 4.1 Ω/1000ft @20 °C, Nominal |

F. Other

- | | |
|--------------|------------------------|
| 1) Packaging | a) 250 FT
b) 100 FT |
|--------------|------------------------|

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