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

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Part Number: 1933  
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**A. Construction**

Diameters

- |                     |                                       |                       |
|---------------------|---------------------------------------|-----------------------|
| 1) Component 1      | 2 X 1 COND                            |                       |
| a) Conductor        | 16 (26/30) AWG BC                     |                       |
| b) Insulation       | 0.030" Wall, Min Avg EPR              | 0.122+/- 0.004        |
| (1) Color(s)        | Black & White                         |                       |
| 2) Cable Assembly   | 2 Components Bunch Cabled             |                       |
| a) Filler           | Paper or Nylon                        |                       |
| b) Binder:          | Discretionary, Non-Hygroscopic        |                       |
| 3) Jacket           | 0.030" Wall, Min Avg, CPE or Neoprene | 0.305 min / 0.340 max |
| a) Color(s)         | BLACK                                 |                       |
| b) Surface Finish   | Smooth, non-striated                  |                       |
| c) Jacket Separator | Tissue Tape, 25% Overlap, Min.        |                       |
| d) Print Legend     | Per UL and CSA requirements.          |                       |

**B. Industry Approvals**

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|----------------------|--|
| 1) UL Standard 62    | Type SJO** 90°C / 300V                 |
| 2) CSA International |  |
| C22.2 No. 49         | Type SJO** 90°C / 300V FT2             |
| 3) Colors            | Munsell® Component limits of deviation |

\*\* Cordage Types with a UL and/or CSA rating greater than Type SJT may be substituted.

**C. Physical & Mechanical Properties**

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|----------------------|--------------------|
| 1) Temperature Range | -20 to 90°C        |
| 2) Bend Radius       | 10X Cable Diameter |

**D. Electrical Properties**

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|-------------------|----------------------|
| 1) Voltage Rating | 300 V <sub>RMS</sub> |
|-------------------|----------------------|