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

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Part Number: 1953/3T  
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Issue: 4  
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**A. Construction**

**Diameters**

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|---------------------|--|----------------|
| 1) Component 1      | 3 X 1 COND                                       |                |
| a) Conductor        | 16 (65/34) AWG BC                                |                |
| b) Insulation       | 0.030" Wall, Min. Avg. EPR                       | 0.125+/- 0.003 |
| (1) Color(s)        | Black, White & Green or Green / Yellow           |                |
| 2) Cable Assembly   | 3 Components Bunch Cabled                        |                |
| a) Filler           | Paper or Nylon                                   |                |
| b) Binder:          | Discretionary, Non-Hygroscopic                   |                |
| 3) Jacket           | 0.030" Wall, Min. Avg., Chlorinated Polyethylene | 0.325 min /    |
| a) Color(s)         | BLACK  | 0.360 max      |
| b) Surface Finish   | Smooth, non-striated                             |                |
| c) Jacket Separator | Tissue Tape                                      |                |
| d) Print Legend     | Per UL and CSA requirements.                     |                |

**B. Industry Approvals**

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|--------------------------------------|--|
| 1) UL Standard 62                    | Type SJT 105°C / 300V                  |
| 2) CSA International<br>C22.2 No. 49 | Type SJT 105°C / 300V FT2              |
| 3) Colors                            | Munsell® Component limits of deviation |

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

**C. Physical & Mechanical Properties**

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|----------------------|--------------------|
| 1) Temperature Range | -20 to 105°C       |
| 2) Bend Radius       | 10X Cable Diameter |

**D. Electrical Properties**

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