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

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Part Number: 1942/3  
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Issue: 4  
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- |  |  | <u>Diameters</u>      |
|--|--|-----------------------|
| <b>A. Construction</b>                         |  |                       |
| 1) Component 1                                 | 3 X 1 COND                             |                       |
| a) Conductor                                   | 16 (65/34) AWG BC                      |                       |
| b) Insulation                                  | 0.030" Wall, Min Avg PVC               | 0.122 +/- 0.004       |
| (1) Color(s)                                   | Blue, Brown, 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, PVC              | 0.325 min / 0.360 max |
| a) Color(s)                                    | BLACK                                  |                       |
| b) Jacket Separator                            | Tissue Tape                            |                       |
| c) Print Legend                                | Per UL and CSA requirements.           |                       |
| <b>B. Industry Approvals</b>                   |  |                       |
| 1) UL Standard 62                              | Type SJT 105°C / 300V                  |                       |
| 2) CSA International                           |  |                       |
| C22.2 No. 49                                   | Type SJT 105°C / 300V FT2              |                       |
| 3) Colors                                      | Munsell® Component limits of deviation |                       |
| <b>C. Physical &amp; Mechanical Properties</b> |  |                       |
| 1) Temperature Range                           | -20 to 105°C                           |                       |
| 2) Bend Radius                                 | 10X Cable Diameter                     |                       |
| <b>D. Electrical Properties</b>                |  |                       |
| 1) Voltage Rating                              | 300 V <sub>RMS</sub>                   |                       |

This specification outlines the requirements for the product(s) described herein. Deviations from this specification are **not permitted** without the written authorization of the Alpha Wire Engineering Department. All finished products will be inspected to the specification and noncompliance or unauthorized deviations will be cause for rejection and return of product.

If vendor certifying agency requirements are in conflict with this document, **it is incumbent upon the vendor to notify the Alpha Wire Engineering Department** and mark up differences on this document and submit them for **review and approval prior to any production**. Be advised that **product legend information and product label information must be in concert**; both are the responsibility of the vendor.

It is the **responsibility of the vendor** to insure that this product meets the requirements of subservient certifying agency documents even though they are not directly noted herein.

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