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

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Part Number: 532F  
Page 1 of 2 Pages

Issue: 4  
Issue Date: 3/08/2007  
Effective Date: 3/30/2007

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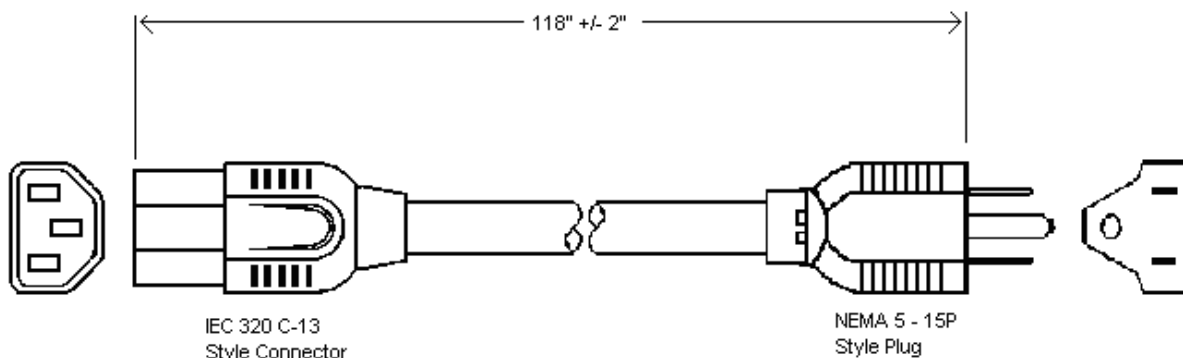
**A. Cordage Construction**

- |                         |  |
|-------------------------|--|
| 1) Conductor            |  |
| a) Material             | Bare Copper, per ASTM B-3  |
| b) AWG, Stranding       | 18 (41/34) AWG; Finer stranding may be used.   |
| 2) Insulation           |  |
| a) Material             | PVC  |
| b) Nominal Diameter     | 0.107  |
| 3) Core Assembly        |  |
| a) Number of Conductors | 3  |
| b) Color Code           | Blue, Brown & Green or Green/Yellow.<br><i>[Note: The stripe of the Green/Yellow insulation shall be 50% +/- 20%.]</i> |
| c) Fillers              | Optional   |
| d) Shield               | Aluminum/Polyester, Foil Facing In, 25% Minimum Overlap.   |
| e) Drain Wire           | 18 AWG Stranded Tinned Copper  |
| 4) Jacket               |  |
| a) Material             | PVC  |
| b) Surface Finish       | Smooth, non-striated   |
| c) Nominal Diameter     | 0.317  |
| d) Color                | Black  |
| e) UL, CSA Type         | SJT, Minimum**   |
| f) Jacket Marking       | Per UL Standard 62 and CSA C22.2 No. 49.   |

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

**B. Cord Configuration**

- |                   |   |
|-------------------|---|
| 1) End 1          | Molded Vinyl Grounding Plug, NEMA 5-15P       |
| 2) End 2          | Molded Vinyl Grounding Connector, IEC 320-C13 |
| 3) Mold Color     | Black   |
| 4) Overall Length | 118" +/- 2"                                   |



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**C. Industry Approvals and Ratings**

- |                       |                           |
|-----------------------|---------------------------|
| 1) UL                 | UL Standard 62 & 817      |
| 2) CSA                | CSA C22.2 No. 21 & No. 49 |
| 3) Cord Set Rating    | 1250 Watts 10A-125V       |
| 4) Temperature Rating | 60°C, Minimum             |

**D. Packaging**

- |                     |                            |
|---------------------|----------------------------|
| 1) Standard Package | 25 Pieces, Hanked and Tied |
|---------------------|----------------------------|

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