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

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Part Number: 545  
Page 1 of 2 Pages

Issue: 3  
Issue Date: 1/10/2006  
Effective Date: 1/30/2006

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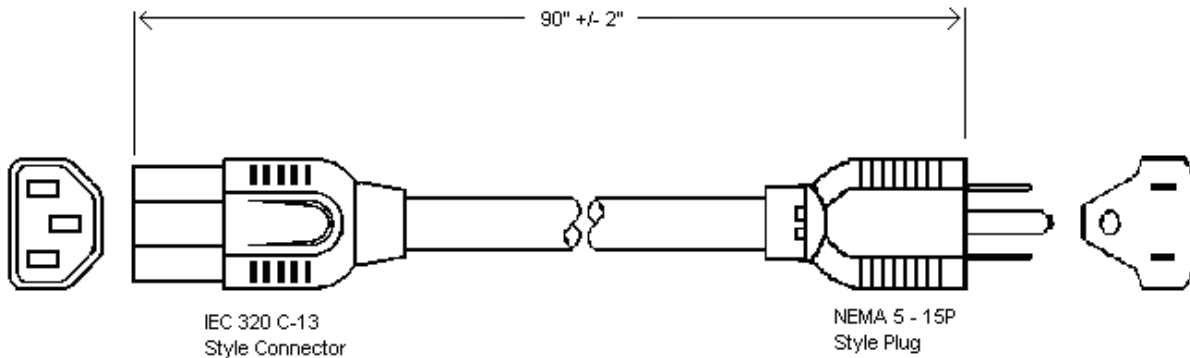
**A. Cordage Construction**

- 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 0.077
- 3) Core Assembly
  - a) Number of Conductors 3
  - b) Color Code Black, White & Green or Green/Yellow.  
*[Note: The stripe of the Green/Yellow insulation shall be 50% +/- 20%.]*
  - c) Fillers Optional
  - d) Separator Tissue Paper
- 4) Jacket
  - a) Material PVC
  - b) Surface Finish Smooth, non-striated
  - c) Nominal Diameter 0.250
  - d) Color Black
  - e) UL, CSA Type SVT, Minimum\*\*
  - f) Jacket Marking Per UL Standard 62 and CSA C22.2 No. 49.

\*\* Cordage Types with a UL/CSA rating greater than Type SVT 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 90" +/- 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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