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

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Part Number: 523  
Page 1 of 2 Pages

Issue: 3  
Issue Date: 3/1/2004  
Effective Date: 3/31/2004

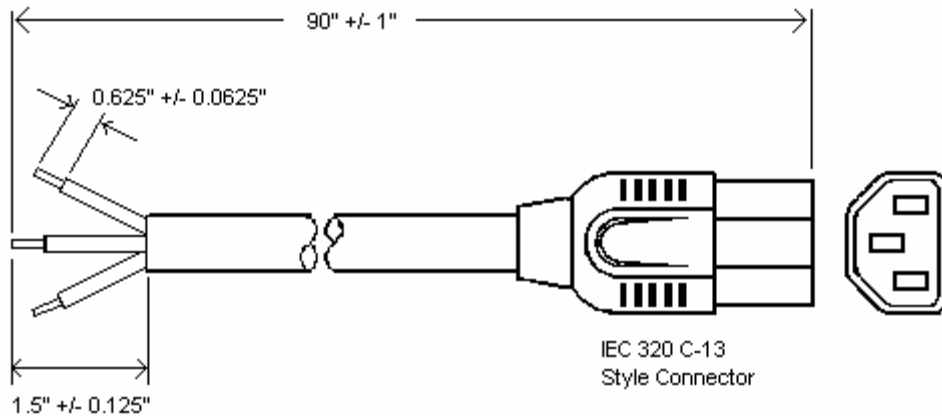
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**A. Cordage Construction**

- 1) Conductor
  - a) Material Bare Copper Per ASTM B-3
  - b) AWG, Stranding 18, 41/34; Finer stranding may be used.
  
- 2) Insulation
  - a) Material Polyvinylchloride
  - b) Min. Avg. Wall Thickness 0.015
  - c) Nominal Diameter 0.080
  
- 3) Core Assembly
  - a) Number of Conductors 3
  - b) Color Code Blue, Brown & Green/Yellow within Munsell® Component extended limits of deviation.  
*[Note: The stripe of the Green/Yellow insulation shall be 50% +/- 20%.]*
  - c) Fillers Optional
  
- 4) Jacket
  - a) Material Polyvinylchloride
  - b) Surface Finish Smooth, non-striated
  - c) Min. Avg. Wall Thickness 0.030
  - d) Minimum Diameter 0.235
  - e) Nominal Diameter 0.250
  - f) Maximum Diameter 0.265
  - g) Color Black; within Munsell® Component limits of deviation
  - h) UL, CSA Type SVT\*\*, Minimum
  - i) Jacket Marking Per UL Standard 62 and CSA C22.2 No. 49.

**B. Cord Configuration**

- 1) End 1 Molded Vinyl Grounding Connector, IEC 320-C13
- 2) End 2 Jacket Stripped 1.5" +/- .125"  
Insulation Stripped 0.625" +/- 0.0625"
- 3) Mold Color Black
- 4) Overall Length 90" +/- 1"



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**C. Industry Approvals and Ratings**

- |                       |                  |
|-----------------------|------------------|
| 1) UL                 | UL Standard 817  |
| 2) CSA                | CSA C22.2 No. 21 |
| 3) Voltage Rating     | 125 Vrms         |
| 4) Current Rating     | 10 Amps          |
| 5) Temperature Rating | 60°C, Minimum    |

**D. Packaging Requirements**

- |                     |                             |
|---------------------|-----------------------------|
| 1) Standard Package | 25 Pieces, placed in Carton |
|---------------------|-----------------------------|