
ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 551
Page 1 of 2 Pages

Issue: 3
Issue Date: 3/15/2004
Effective Date: 4/15/2004

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) Colors Blue, Brown & Green/Yellow
 - c) Min. Avg. Wall Thickness 0.030"
 - d) Nominal Diameter 0.107"

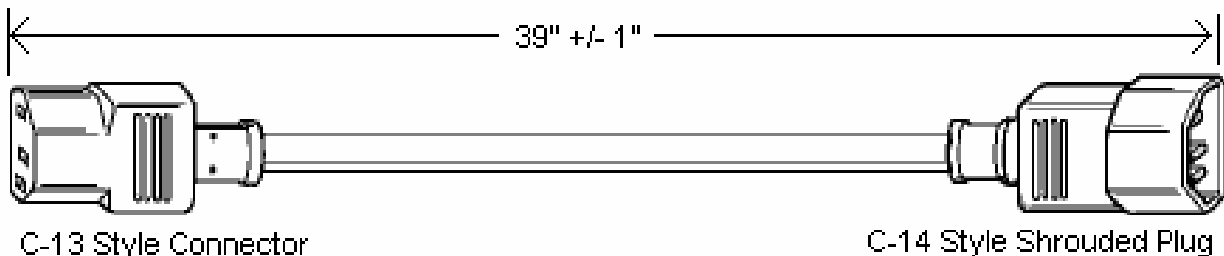
- 3) Assembly
 - a) Number of Conductors 3
 - b) Color Code Blue, Brown & Green/Yellow within Munsell®
Component extended limits of deviation.
[Note: The stripe of the Green/Yellow insulation shall be 50% +/- 20%.]
 - c) Fillers Optional

- 4) Jacket
 - a) Material Polyvinylchloride
 - b) Surface Finish Smooth, non-striated
 - c) Min. Avg. Wall Thickness 0.030"
 - d) Nominal Diameter 0.300"
 - e) Color Black; within Munsell® Component limits of deviation
 - f) UL, CSA Type SJT**, Minimum
 - g) Jacket Marking Per UL Standard 62 and CSA C22.2 No. 49.

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

B. Cord Configuration

- 1) End 1 Molded Vinyl Connector, IEC 320-C13
- 2) End 2 Molded Vinyl Shrouded Plug, IEC 320-C14
- 3) Mold Color Black
- 4) Overall Length 39" +/- 1"



This technical specification outlines the requirements for the products 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 this specification and noncompliance or unauthorized deviations will be cause for rejection and return of product. All information contained herein is confidential. It's use is restricted to authorized Alpha Wire Company personnel or authorized vendors of the Alpha Wire Company. Under no circumstances shall this document be duplicated in any form or shown to/discussed with unauthorized personnel without the expressed written consent of the Alpha Wire Engineering Department.

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C. Industry Approvals and Ratings

- | | |
|-----------------------|-------------------------------------|
| 1) UL | UL Standard 62 & 817 |
| 2) CSA | CSA C22.2 No. 21 & CSA C22.2 No. 49 |
| 3) Voltage Rating | 125 Vrms |
| 4) Current Rating | 10 Amps |
| 5) Temperature Rating | 60°C, Minimum |

D. Availability

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

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