
ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 1943/3
Page 1 of 1 Pages

Issue: 4
Issue Date: 8/23/2007
Effective Date: 9/23/2007

A. Construction		<u>Diameters</u>
1) Component 1	3 X 1 COND	
a) Conductor	14 (41/30) AWG BC	
b) Insulation	0.030" Wall, Min Avg PVC	0.135 +/- 0.004
(1) Color(s)	Blue, Brown, Green or Green/Yellow	
2) Cable Assembly	3 Components Bunch Cabled	
a) Fillers	Paper or Nylon	
b) Binder	Discretionary, Non-Hygroscopic	
3) Jacket	0.030" Wall, Min Avg, PVC	0.360 min / 0.395 max
a) Color(s)	BLACK	
b) Jacket Separator	Tissue Tape, 25% Overlap, Min.	
c) Print Legend	Per UL and CSA requirements.	
B. Industry Approvals		
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	
C. Physical & Mechanical Properties		
1) Temperature Range	-20 to 105°C	
2) Bend Radius	10X Cable Diameter	
D. Electrical Properties		
1) Voltage Rating	300 V _{RMS}	

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.

All information contained herein is confidential. Its 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.