



SPECIFICATIONS FOR W1043 MULTI-CONDUCTOR CABLE

1. APPLICATION IS PRIMARILY FOR THE INTERCONNECTION OF ELECTRONIC EQUIPMENT, INCLUDING SOLENIOD VALVE CONNECTORS, TIMERS, AND PROXIMITY SWITCHES. IT CAN ALSO BE USED FOR REMOTE CONTROL INSTRUMENTATION, ETC. THE PRINCIPAL APPLICATION IS FOR THE SERIES 9000 PROXIMITY SWITCH.
2. CONDUCTORS ARE TO MEET THE FOLLOWING CRITERIA:
 - A. 26 AWG
 - B. 26/40 STRANDING
 - C. COMPOSED OF BARE COPPER CONDUCTORS
3. CONDUCTOR INSULATION IS TO BE BLACK POLYVINYL CHLORIDE.
4. THE WIRE IS 2 CONDUCTORS. BLUE AND BROWN IS TO BE THE COLOR CODE.
5. INSULATED CONDUCTORS ARE TO BE CABLED AND TWISTED.
6. THE RELEASE AGENT IS TO BE TALC. NO TISSUE IS TO BE USED IN THE PRODUCTION OF THIS WIRE.
7. JACKET IS TO BE PRESSURE-EXTRUDED. THE JACKET SHOULD BE FLOODED AROUND THE INSULATORS. THE OUTSIDE JACKET MUST BE ROUND.
8. 1000 FOOT SPOOLS WHICH MEET OUR SPOOLING SPECIFICATIONS ARE TO BE THE STANDARD PUT-UP.
9. WIRE MUST BE FREE-STRIPPING. THIS IS TO SAY THE INSULATOR IS EASY TO REMOVE FROM THE CONDUCTOR, AND THE JACKET IS EASY TO REMOVE FROM THE INSULATORS.
10. WIRE MUST MEET AND BE PRINTED IN WHITE INK WITH THE FOLLOWING APPROVALS:
 - A. U.L. VW-1
 - B. U.L. OR C(UL) APPROVAL
 - C. CSA APPROVAL OR C(UL) APPROVAL
11. WIRE IS TO BE PRINTED IN WHITE INK WITH THE FOLLOWING MARKINGS
 - A. W1043
 - B. 150 VOLTS
 - C. 26/2
 - D. 80 DEGREES CENTIGRADE
12. WIRE OUTSIDE DIAMETER IS CRITICAL: .105 INCHES, +/- .010 INCHES.
13. VOLTAGE RATING IS TO BE 150 VOLTS.
14. TEMPERATURE RATING IS TO BE +80 DEGREES CENTIGRADE.
15. OUTSIDE JACKET MATERIAL IS TO BE GFE8085.
16. PRIMARY INSULATION IS TO BE SOFT DUROMETER PVC.
17. THE FLEXIBILITY OF THIS WIRE IS CRITICAL. THE BENDING RADIUS SHOULD BE 8 TIMES OR LESS THE CABLE'S OUTSIDE DIAMETER. BENDING RADIUS = .84 INCHES. THE MORE FLEXIBLE THE WIRE, THE BETTER.
18. A CERTIFICATE STATING CONFORMANCE WITH OUR SPECIFICATIONS AND THE DATE OF MANUFACTURE NEEDS TO BE SUPPLIED WITH EVERY ORDER OF THIS WIRE.