



canfield connector

SPECIFICATIONS FOR W1006

1. APPLICATION IS PRIMARILY FOR INTERCONNECTION OF ELECTRONIC EQUIPMENT, INCLUDING PROXIMITY SWITCHES, CONNECTORS, AND TIMERS. IT CAN ALSO BE USED FOR REMOTE CONTROL, INSTRUMENTATION, ETC.
2. CONDUCTORS ARE TO MEET THE FOLLOWING CRITERIA:
 - a. 18 AWG
 - b. 16X30 STRANDING
 - c. COMPOSED OF TINNED COPPER
3. CONDUCTOR INSULATION IS TO BE PVC
4. COLOR CODE IS TO BE BLACK, GREEN AND WHITE
5. INSULATED CONDUCTORS ARE TO BE CABLED AND TWISTED
6. JACKET IS TO BE GRAY PVC: GFE 8085
7. JACKET IS TO BE PRESSURE EXTRUDED. THE JACKET SHOULD BE FLOODED AROUND THE INSULATOR. THE OUTSIDE JACKET MUST BE ROUND
8. 1000 FOOT SPOOLS WHICH MEET OUR SPOOL SPECIFICATIONS.
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 BE PRINTED IN ROYAL BLUE INK WITH THE FOLLOWING APPROVALS:
 - a. UL OR C(UL) APPROVAL
 - b. UL VW-1
 - c. CSA OR C(UL) APPROVAL
11. WIRE IS TO BE PRINTED IN ROYAL BLUE INK WITH THE FOLLOWING MARKINGS:
 - a. 300 VOLT
 - b. 18/3
 - c. W1006
 - d. 80°C
12. WIRE OUTSIDE DIAMETER: 0.275 +/-0.010 DIAMETER IS CRITICAL!
13. VOLTAGE RATING IS TO BE 300 VOLTS
14. TEMPERATURE RATING IS TO BE 80°C
15. THE FLEXIBILITY OF THIS WIRE IS CRITICAL. THE BENDING RADIUS SHOULD BE 8 TIMES OR LESS THE CABLES OUTSIDE DIAMETER. BENDING RADIUS = 2.2 INCHES. THE MORE FLEXIBILITY, THE BETTER
16. A CERTIFICATE OF CONFORMANCE WITH CANFIELD SPECIFICATIONS AND THE DATE OF MANUFACTURE MUST BE SUPPLIED WITH EVERY ORDER OF WIRE.

REVISIONS:

RLH – 4/17/97

NLT – 02/17/16: REMOVED CANFIELD CONNECTOR FROM PRINTING ON WIRE