



**ORTRONICS**

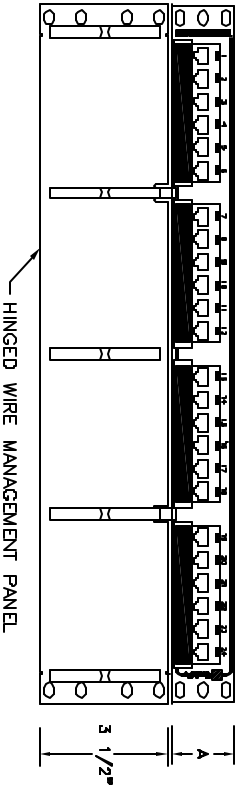
125 EUGENE O'NEILL DRIVE  
NEW LONDON, CT 06330  
TEL: 860-445-3800  
FAX: 860-405-2590

TITLE HIGH DENSITY PATCH PANEL  
WITH 6 PORT MODULES  
AND HINGED WIRE MANAGEMENT

| PORTS   | JACK | WIRING | SIZE (A)  | PART #       |
|---------|------|--------|-----------|--------------|
| 24 PORT | RJ45 | T568A  | 1.75 X 19 | QR-851044972 |
| 24 PORT | RJ45 | T568B  | 1.75 X 19 | QR-851044971 |
| 48 PORT | RJ45 | T568A  | 3.50 X 19 | QR-851044974 |
| 48 PORT | RJ45 | T568B  | 3.50 X 19 | QR-851044973 |
| 96 PORT | RJ45 | T568A  | 7.00 X 19 | QR-851044976 |
| 96 PORT | RJ45 | T568B  | 7.00 X 19 | QR-851044975 |

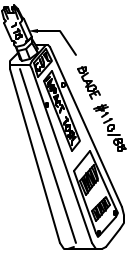
NOTE: PART NUMBERS SHOWN ARE FOR NON-KEYED JACKS. IF KEYED JACKS ARE NEEDED, ADD A "K" TO THE END OF THE PART NUMBER. (I.E. QR-851044972K)

FRONT VIEW



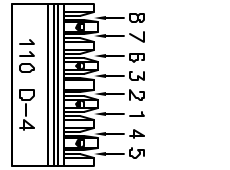
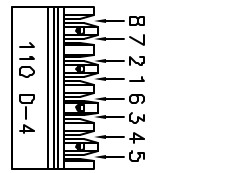
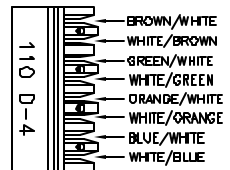
| STATION<br>CABLE<br>COLOR<br>CODE | STATION<br>CABLE<br>COLOR<br>CODE | RJ45<br>BP8C<br>WIRING<br>TS68A | RJ45<br>BP8C<br>WIRING<br>TS68B | RJ45<br>8P8C<br>PIN<br>#s |
|-----------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------|
| 110 D-4                           | 110 D-4                           | 5<br>WHITE/BLUE                 | 5<br>WHITE/BLUE                 | 1<br>B                    |
| 4<br>WHITE/WHITE                  | 4<br>WHITE/WHITE                  | 4<br>BLUE/WHITE                 | 4<br>BLUE/WHITE                 |                           |
| 3<br>WHITE/ORANGE                 | 3<br>WHITE/ORANGE                 | 3<br>WHITE/ORANGE               | 1<br>ORANGE/WHITE               |                           |
| 2<br>WHITE/GREEN                  | 2<br>WHITE/GREEN                  | 2<br>ORANGE/WHITE               | 2<br>WHITE/GREEN                |                           |
| 1<br>GREEN/WHITE                  | 1<br>GREEN/WHITE                  | 1<br>GREEN/WHITE                | 3<br>GREEN/WHITE                |                           |
| 8<br>BROWN/WHITE                  | 8<br>BROWN/WHITE                  | 8<br>BROWN/WHITE                | 8<br>BROWN/WHITE                |                           |

SUGGESTED ACCESSORY TOOL

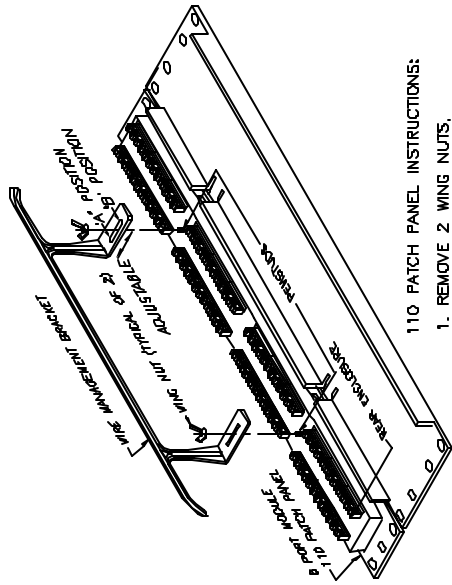


110 IMPACT TOOL FOR  
TERMINATION OF CABLE PAIRS  
OR-80300005 (TD01)  
OR-80300008 (BLADE)

NOTE: MAINTAIN PAIR TWIST  
UP TO POINT OF TERMINATION.  
FOR MAXIMUM DATA PERFORMANCE.

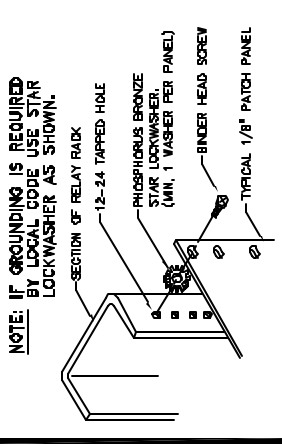


| INSTRUCTION SHEET NO. | REV | EEN   | SHEET  | DATE     | CHK BY | DATE | APP BY | DATE |
|-----------------------|-----|-------|--------|----------|--------|------|--------|------|
| 71600454              | 01  | 01328 | 1 OF 2 | 02/18/00 |        |      |        |      |

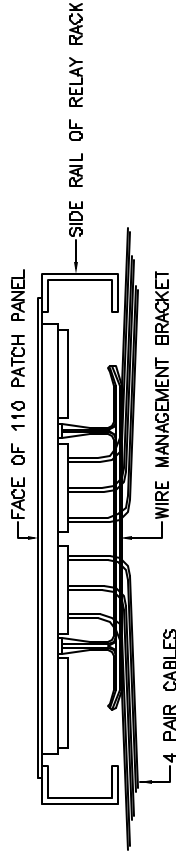


110 PATCH PANEL INSTRUCTIONS:

1. REMOVE 2 WING NUTS.
2. PUT WIRE MANAGEMENT BRACKET OVER PEMSTUDS IN 'B' POSITION.
3. REPLACE 2 WING NUTS. (TIGHTEN AS REQUIRED)
4. AFTER CABLE TERMINATION IS COMPLETED AS RECOMMENDED BELOW ADJUST BRACKET TO 'A' POSITION.

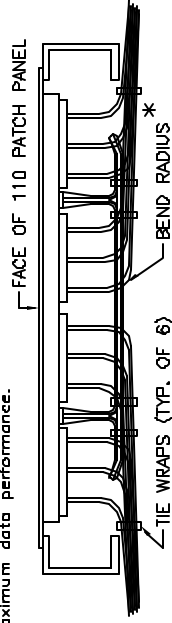
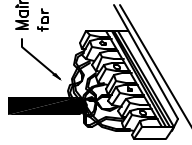


**NOTE: IF GROUNDING IS REQUIRED BY LOCAL CODE USE STAR LOCKWASHER AS SHOWN.**



The cables should be Routed and Terminated working from the center of the patch panel to the outside edges.  
Note: The cables should be routed from both sides of the Relay Rack rather than from one side only.

Maintain pair twist to within 1/2" (13mm) of point of termination for maximum data performance.



\*The Minimum Cable Bend Radius is 4 times the outside Cable Diameter. Tie Wraps should be used to attach the cable to the Wire Management Bracket. Care should be taken to insure the Tie Wraps are not too tight. The cable at the edge of the patch panel should be attached to the cable which has already been Tie Wrapped to the Wire Management Bracket.