

General

This instruction sheet provides descriptions, Panel installation; install wiring blocks, cable preparation instructions, and cabling instructions for 110-type terminal blocks.

Customer Services

- To find out more about **Carrier Apparatus** products, visit us on the web at: <http://cw.commscope.com/>
- For technical assistance regarding Carrier Apparatus products: contact your local CommScope account representative or Commscope technical support at 1-800-344-0223.
- Report any missing or damaged parts to CommScope customer service in Omaha, Nebraska, at 1-866-539-2795.

Tools Required:

- 788J1Impack Tool

25-Pair Protectors Mounting with 89B Brackets

1. Mount 89B bracket on wall. Use fasteners suited to wall construction.
2. Route cables through 89B bracket.
3. Mount 110 ANA1 protector onto 89B bracket. Make sure both top and bottom latches of 89B bracket snap into place.
4. Route one continuous run of #6 ground wire to GND lug on each protector (or as specified per local practice).
5. Route "IN" and "OUT" pairs through appropriate fanning rings adjacent to the 110 connectors.
6. Terminate "IN" and "OUT" pairs on a 110 connector, using provided connector caps. Snap connector caps onto connectors to seat leads. Trim off excess lead ends. "D" impact tool with 110 blade may also be used to seat and trim conductors.
7. Install one plug-in protector for each line equipped as specified for local instructions.

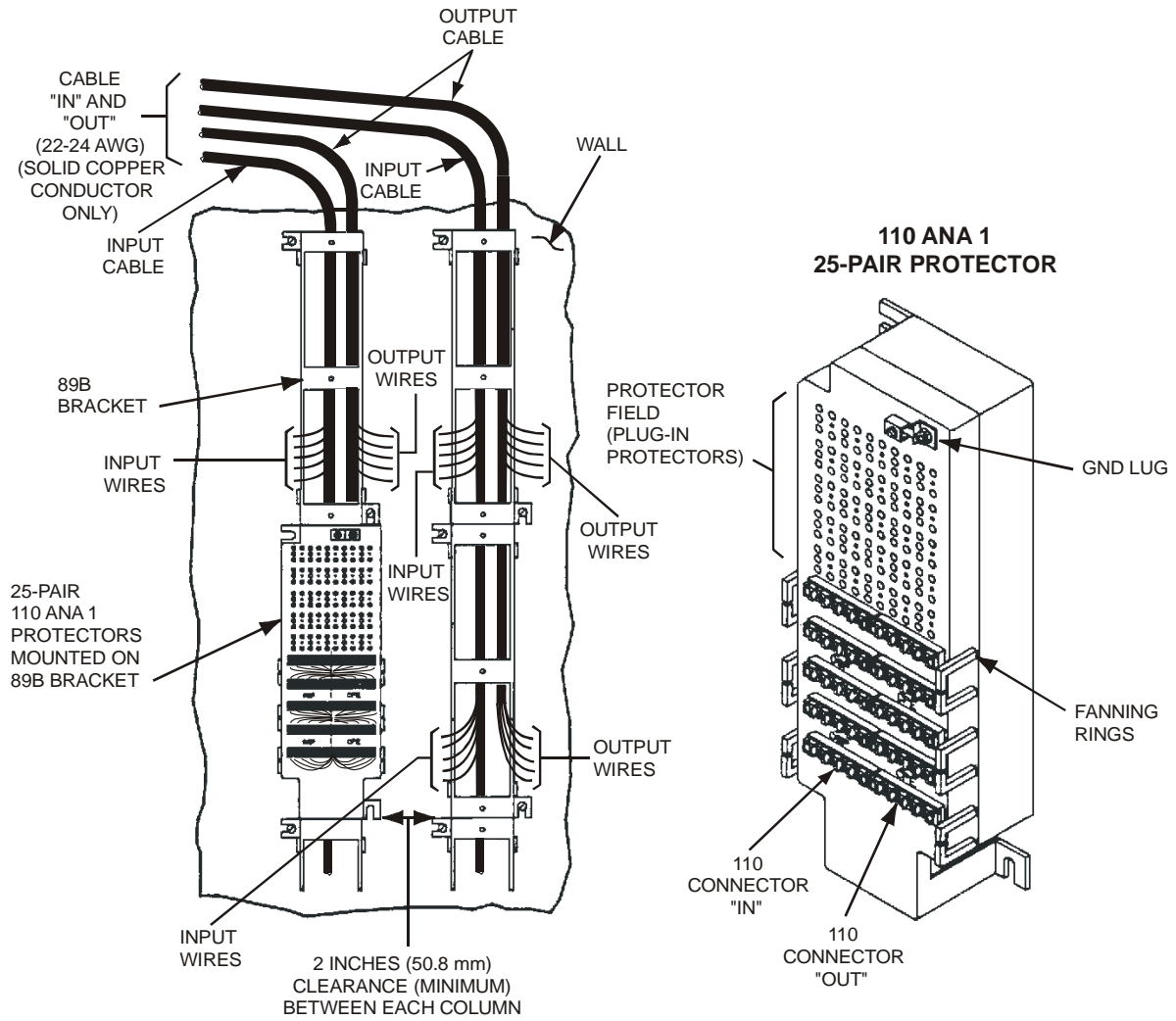


Figure 1. 25-PAIR PROTECTORS With 89B Mounting Brackets
(For mounting without 89B Brackets, Refer to Page 3)

6 -, 10 -, or 25-Pair Protectors

1. Mount a 110 ANA1 protector on wall. Use fasteners suited to wall construction.
2. Route cables to protector.
3. Route one continuous run of #6 ground wire to GND lug on each protector (or as specified per local practice).
4. Route "IN" and "OUT" pairs through fanning rings on protector to appropriate 110 connectors.
5. Terminate "IN" and "OUT" pairs on 110 connectors, using provided connector caps. Snap connector caps onto connectors to seat leads. Trim off excess lead ends. "D" impact tool with 110 blade may also be used to seat and trim conductors.
6. Install one plug-in protector for each line equipped as specified for local instructions.

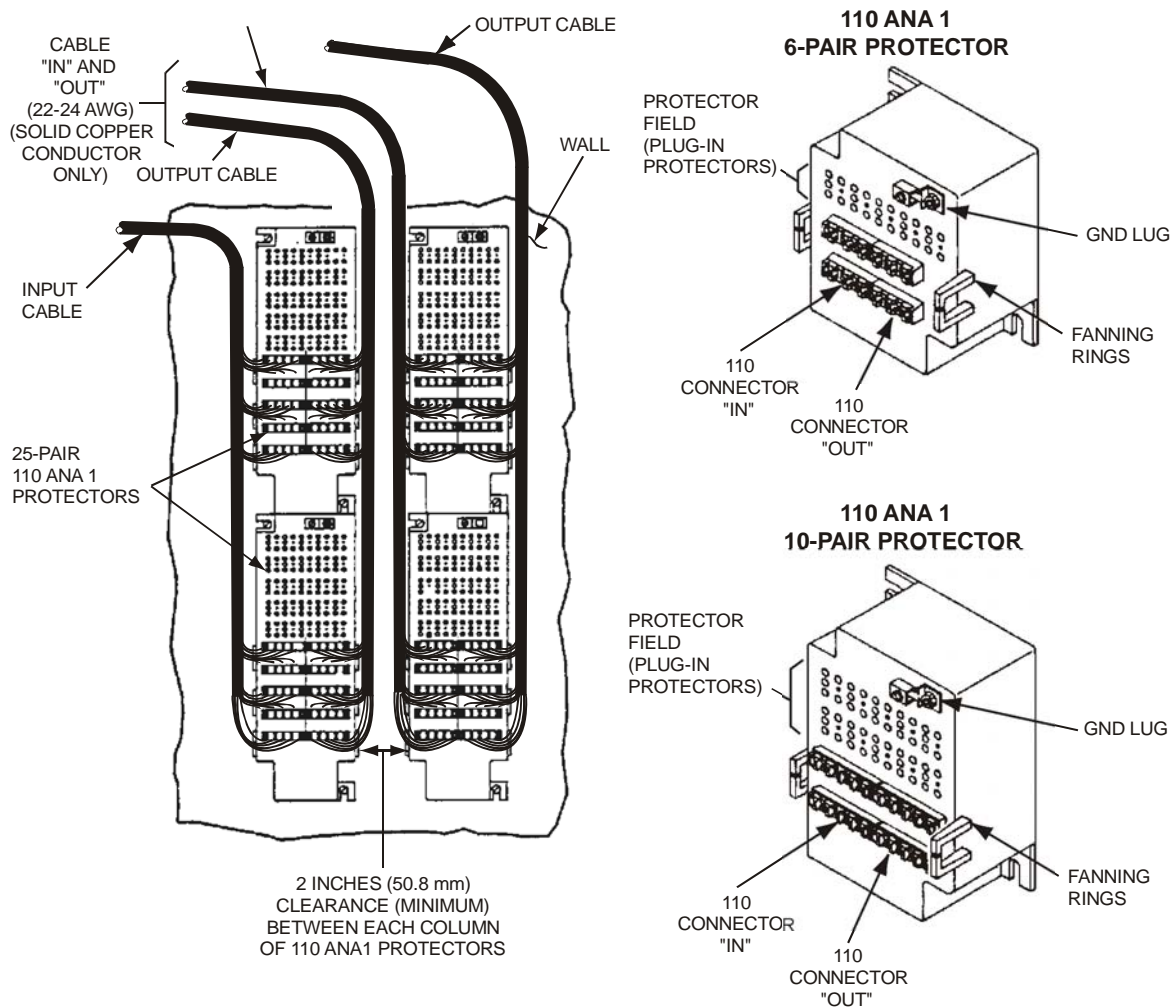


Figure 2. 6 -, 10 -, or 25-PAIR PROTECTORS Mounting Without 89B Brackets
(For mounting with 89B Brackets, Refer to Page 1)