

Patch Panel Module

Description:

The Patch Panel Module provides network interface for local area network applications such as ISDN or DSL services, and supports Category 5e performance. This module has four/eight 4-pair 110 IDC connectors, and each of them connects to an individual RJ-45 jack. The Ethernet Hub can be linked using patch cord for high-speed network application. This installation instruction is applied to 4-port and 8-port Patch Panel Modules.

Installation: (see Fig. 1)

1. Place the module horizontally.
2. Push the module so the hook and tabs will fall into the rail slots of the enclosure.
3. Slide the module LEFT and the spring fastener will automatically lock the module at the desired position.

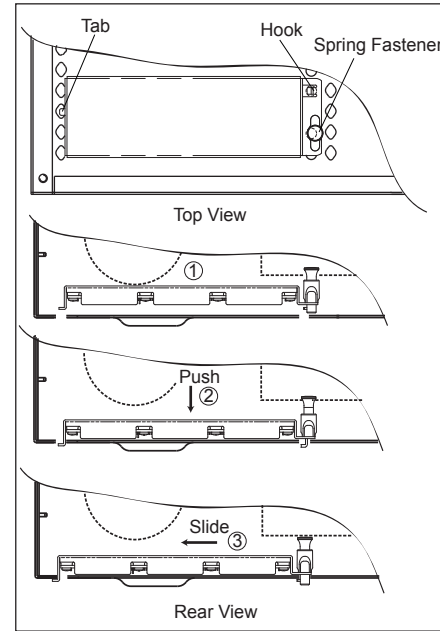


Fig.1

Operation: (see Fig. 2)

Terminate the cables on the 4-pair 110 connectors of this data distribution module. Each Category 5e cable should be fully terminated on the contact blades. This module supports TIA T568A wiring standard and is capable of connecting four/eight Category 5e cables. Identify which port you want to activate and connect one end of a patch cord to the corresponding jack and the other end to the Ethernet Hub.

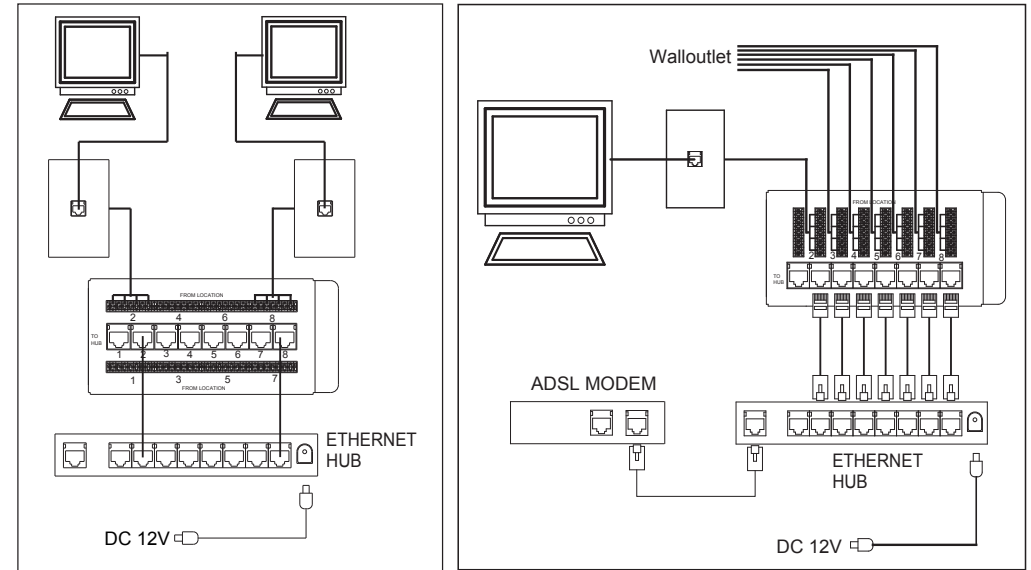


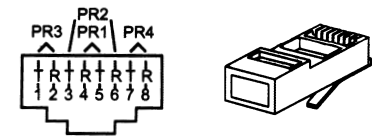
Fig.2

Wire installation:

For 110 IDC connector, follow the wire color-code and only use the 110 punch-down tool to push the wire between the contact blades (see Fig. 3). For RJ45 plug, follow the TIA T568A standard for wiring instruction (see Fig. 4).

RJ-45 Jacks

Phone and data lines are wired according to the TIA T568A standard



Wiring a 110 connector

1. Strip 2" of cable jacket.
 2. Untwist about 0.5" wire and keep jack close to 110 connector.
 3. According to the color code, only use a 110 punch down tool to push the wire between the contact blades.
- Or wire may be damaged when using other tools.

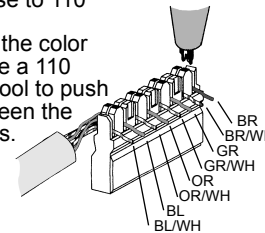


Fig.3

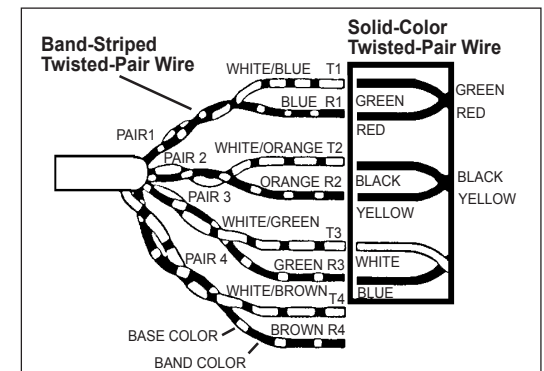


Fig.4