

CABLE REQUIREMENT: Terminates most 22-26 AWG solid or stranded IWC wire with a .050" (1.27mm) max. o.d., either PVC or Plenum rated.

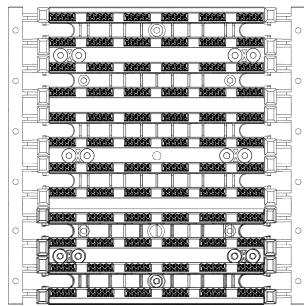
LOCATION

Mounting a system at the right height will make wiring changes and additions cost efficient. The optimum height, from the floor to the top of a 72 port/432 pair GP6 PLUS base, is 68 inches. If the customer needs don't exceed the wiring capacity of one base of 24 port/144 pair, the optimum distance from the floor to the top of the system can be reduced to 43 inches. This height will allow for expansion of 72 port/144 pair on top and 72 port/432 pair underneath.

WALL MOUNT BASES WITH LEGS

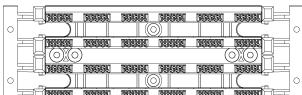
72 PORT / 432 PAIR BASE

DISTANCE FROM FLOOR
TO TOP OF BASE: 68"



24 PORT / 144 PAIR BASE

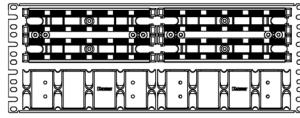
DISTANCE FROM FLOOR
TO TOP OF BASE: 43"



19" RACK MOUNT PANELS

48 PORT BASE WITH JUMPER TROUGHS

DISTANCE FROM FLOOR
TO TOP OF BASE: 43"



48 PORT BASE

DISTANCE FROM FLOOR
TO TOP OF BASE: 43"

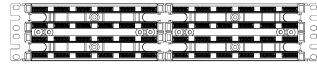


Fig. 1

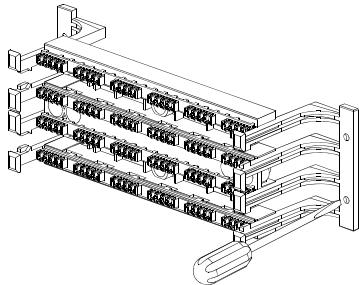


Fig. 2

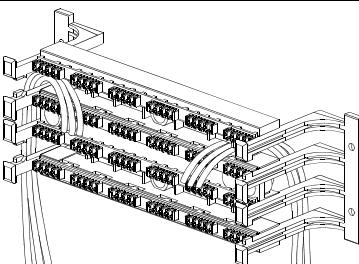
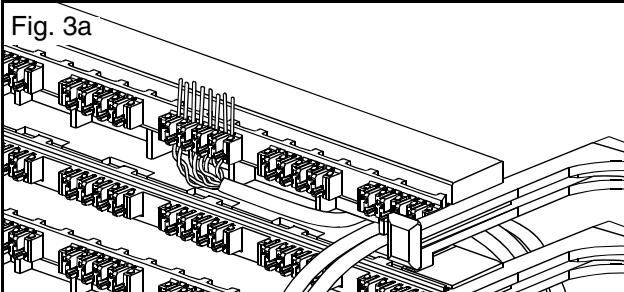


Fig. 3a



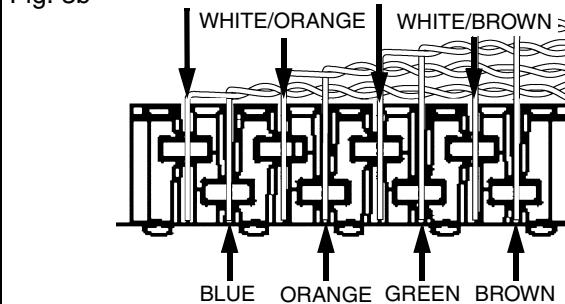
INSTALLATION

1. Use appropriate mounting hardware to install base on desired surface as shown in Fig. 1, 3/4" plywood is recommended. (Tip: PANDUIT lettering should be upright.)
2. Route cables through the slots in the base as shown in Fig. 2.
3. Cable jacket end should be within 1/2" from where cable pairs are inserted. Cable pairs must remain twisted up to the point of connection for Category 6 installation.

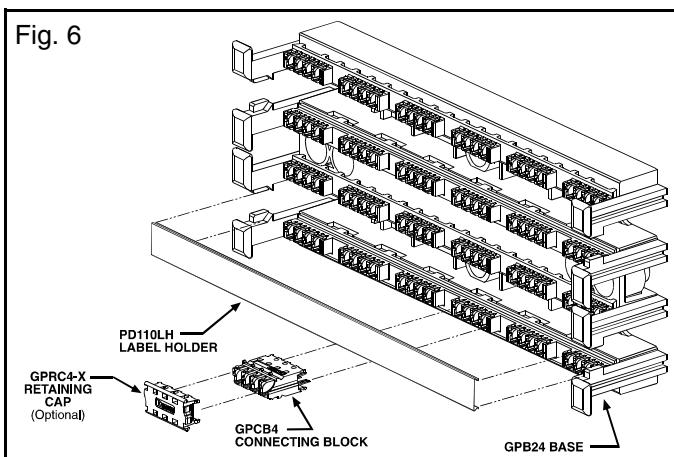
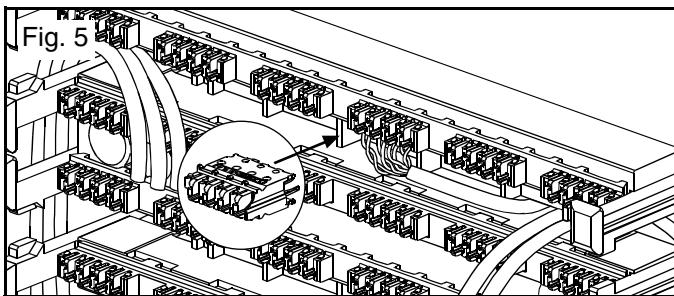
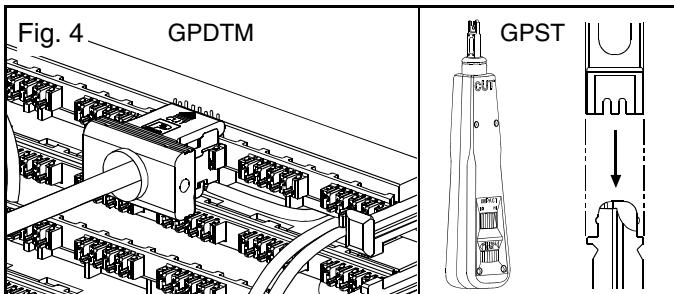
Note: When using 4-pair cable, high density bases must be wired from the center out to each side, as shown in Fig. 3a.

CATEGORY 6 DATA WIRING SCHEME

Fig. 3b WHITE/BLUE WHITE/GREEN



CABLE REQUIREMENT: Terminates most 22-26 AWG solid or stranded IWC wire with a .050" (1.27mm) max. o.d., either PVC or Plenum rated.



- Inspect cable pair color placement prior to using either a GPST single wire punchdown tool or GPDTM multi-pair punchdown tool to seat and cut the pairs to length.

Note: When using a single wire punchdown tool to insert and cut wires, the HIGH impact setting should be used. ALIGN TOOL WITH BLOCK.

- Position the connecting block over the wired base.
- Secure the connecting block in place using the GPDTM multi-pair punchdown tool. It is important to keep the tool perpendicular to the base to ensure a good termination.
- Once the connecting blocks have been seated, cross connect wires can be terminated to the top of the connecting blocks or *GP6 PLUS* patch cords can be installed. If cross-connecting, reference Fig. 3b.

Note: Optional retaining cap can be installed at this time.

- Add cable identification to the label, fold label, and slide it into the label holder. The label and label holder snap into position on the base in-between rows of connecting blocks as shown in Fig. 6.

Pair	Tip Color	Ring Color
1	White/Blue	Blue
2	White/Orange	Orange
3	White/Green	Green
4	White/Brown	Brown

INSTALLATION TIPS:

- GP6 PLUS* product terminates most 22-26 AWG solid or stranded IWC wire with a .050" (1.27mm) max. o.d., either PVC or Plenum rated.
- Never install wire into a slot previously used for a larger gauge.
- Be careful to strip back cable jacket only as required for termination.
- Use care to maintain pair twists up to the termination strip.
- When stripping cable jacket, be careful not to cut the insulation on the individual wires.
- Avoid sharp bends when routing cable.

As with all Wiring Accessories, the following statements apply:

- Never install communications wiring during a lightning storm.
- Never install communications wiring in wet locations unless the product is specifically designed for use in wet locations.
- Never touch uninsulated communications wiring or terminals unless the communication line has been disconnected at the network interface.
- Use caution when installing or modifying communication wiring.

For Instructions in Local Languages
and Technical Support:

www.panduit.com/resources/install_maintain.asp



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