

- d. Most managed concentrator devices will have only one IP address associated with it. In the case of multiple IP addresses per managed concentrator the ability to associate an IP address with a specific port may be necessary. An additional numerical suffix, in the case of 12 port hubs, 2 digits, will be necessary. Maintaining consistency with the router naming convention an additional e (for LAN Ethernet) and 2 digit numeric sequence is appended to the name.

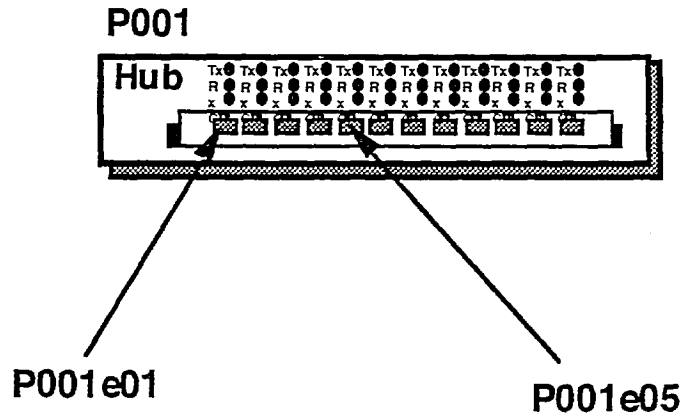


Figure 9.6: Primary Hub with Named Ports

- e. To determine network connectivity, vendor reports, hardware addresses, and other pertinent information network personnel will use information tools with the globally unique concentrator name to determine this information.

## 9.4 Network Equipment

### 9.4.1 Network Diagnostic Equipment

- a. Equipment such as portable Network Analyzers will require numerous IP addresses, one for each subnet that it may be come attached to. This will ensure the ability to use various network utilities such as file transfer to other hosts within SIGNET when attaching the Network Analyzer to different subnets. Maintaining a unique HOST Portion within all subnets in a location, similar to the Router Interfaces, would be advantageous to network personnel.

## 9.5 Terminal Servers

- a. Terminal Servers may require a block of addresses to be allocated by the individual box. The allocation of such IP addresses in this matter is a function of the IP address database management application and not the naming. The naming of a terminal server can simply be the location followed by a T designator and a 2 digit numeric sequence. i.e. LDNT01