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# AsantéFAST 100 TX Managed Hub

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## READ ME FIRST

Thank you for purchasing the AsantéFAST 100 TX Managed Hub. This document contains important information not described in the Managed Hub's FAST Guide or User's Manual. Please review it before proceeding with the installation.

### Powering up a stack of AsantéFAST 100 Hubs

Power up each module in an AsantéFAST 100 Hub stack in BOTTOM to TOP sequence. The proper sequence (BOTTOM to TOP) must be followed when powering up a stack of AsantéFAST 100 Hubs.

- ▲ **Important:** The units should be turned off when configuring or reconfiguring a stack.
- ▲ **Important:** If units remained powered on when configuring or reconfiguring a stack, power must be cycled by switching the power switch to the OFF position and then to the ON position in BOTTOM to TOP sequence.

### Power-up sequence when adding a unit to the Managed Hub

Power down the Managed Hub first. After installing a unit, power up each unit in the stack from BOTTOM to TOP.

### Powering down a stack of AsantéFAST 100 Hubs

Always power down the AsantéFAST 100TX Managed Hub first. (The Managed Hub is always the bottom module in a stack of hubs.) The proper sequence (BOTTOM to TOP) must be followed when powering down a stack of AsantéFAST 100 Hubs.

**Note:** Occasionally, powering down a stack of hubs may cause system administration and IP address information stored in non-volatile memory to be corrupted. (The information then needs to be configured again via the console port.) Following the proper power-down sequence, and powering down the AsantéFAST 100TX Managed Hub first, eliminates this occurrence. This will be fixed with the next release of the network management agent software.

### Troubleshooting

Included with the AsantéFAST 100 TX Managed Hub are two standard Category 5 unshielded twisted-pair cables for testing the hub's connection to the network. The two six-foot cables can be used as patch cables.

# Cabling Requirements

AsantéFAST Ethernet 100Base-TX Hubs require **Category 5 Twisted Pair** cabling to connect to a desktop PC. Figure 1 illustrates the proper pin assignment required (first twisted-pair wire connects pin 3 to pin 3 and pin 6 to pin 6; second twisted-pair wire connects pin 1 to pin 1 and pin 2 to pin 2 ).

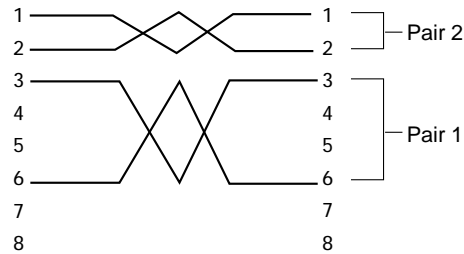


Figure 1 Proper pin assignment

Some Category 5 cables are not wired with the pin assignment displayed above, causing improper operation of the AsantéFAST 100 Hub. Some cables have the first twisted-pair wired incorrectly, by connecting pin 3 to pin 3 and pin 4 to pin 4 (as shown in Figure 1-2).

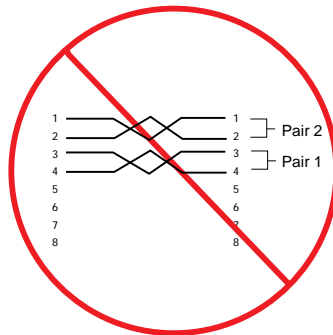


Figure 2 Invalid pin assignment

▲ **Important:** If you are having problems connecting to the network, first **use the two Category 5 test cables included in your package** to verify the hub's functionality and your network setup. Next, check your cabling.

If you need more assistance, contact Asanté Technical Support (see "Asking for Assistance" on the FAST Guide included in your package).