

QUICK-START INSTALLATION GUIDE

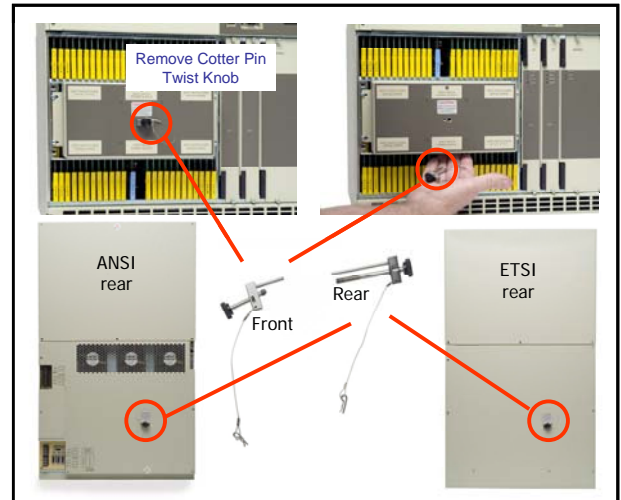
Before installing a FiberConnect for the first time, please read and follow the safety instructions in the FiberConnect Hardware User Manual*. Please consult the FiberConnect Hardware and Software User Manuals for detailed unpacking, installation and operating instructions.



DiamondWave FiberConnect

UNPACK AND INSTALL HARDWARE

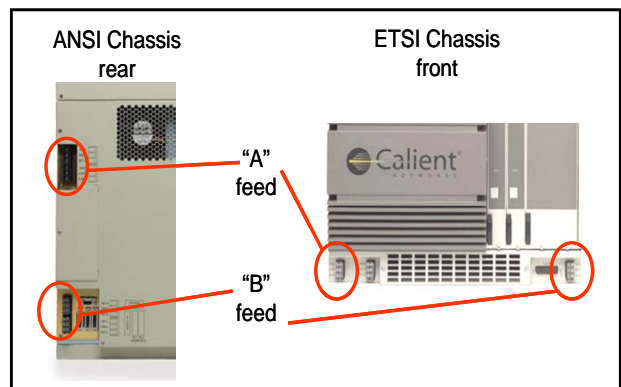
- Remove the FiberConnect from its shipping crate.
- Remove from the lid of the shipping crate the box containing the molded FiberConnect Control Shelf cover, the CD with documentation, and other small parts.
- Attach the mounting ears to the FiberConnect.
- Identify the mounting holes on your rack to which the FiberConnect will be attached.
- Install a shelf in the rack immediately below the lower mounting holes.
- With at least one helper, lift the FiberConnect onto the shelf. Install it in the rack using four rack screws, one at each corner of the chassis.
- Remove the transportation lock-down devices from the front and rear of the FiberConnect. Pull up on the wire loop to remove the cotter pin, and turn the knob counter-clockwise to unscrew and remove the device.



Front & Rear Lockdowns

APPLY ELECTRIC POWER

- Make sure the circuit breakers in your 48 V DC power supplies are in the OFF position, and that the circuit breakers or fuses in the building installation supply circuit are rated maximum 10 A.
- Connect 48V DC power to the A and/or B feeds on the FiberConnect rear panel (or the front panel in the ETSI version). Use the DC power cables supplied with the FiberConnect. If you use your own power cables, Calient recommends 14-gauge wire and the size 6 ring terminal connectors shipped with the FiberConnect.



- Apply electric power to the FiberConnect. The fans will start and the PWR LED(s) on the front panel will light during the 4-minute boot process. Once booted, the OPER LED will light.

START GUI

- Connect an Ethernet cable from the Management RJ-45 port on the front of the FiberConnect fan-status unit (FSU) to a client computer with a web browser.

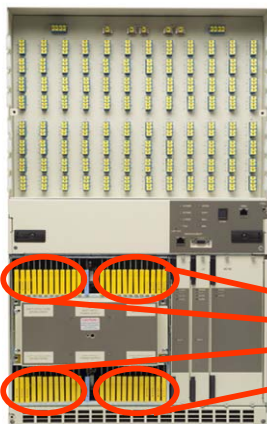


Management Port

- Start the client computer's web browser, and enter the FiberConnect default IP address, 192.168.0.1. This will bring up the FiberConnect graphical user interface. The default username is 'admin' and the default password is 'pxc***'.

CONNECT OPTICAL FIBERS

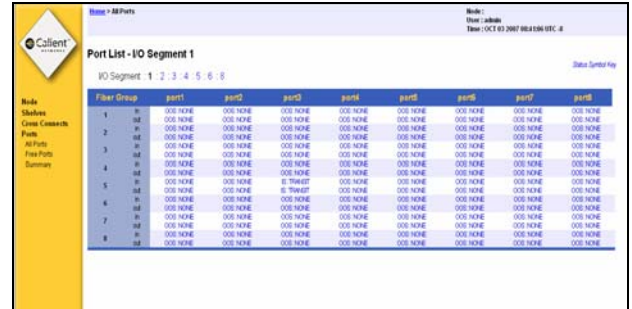
- Connect your optical networking equipment and outside plant fiber to the FiberConnect active optical ports using the LC connectors on the FiberConnect Application Shelf.



Application Shelf (with cover removed)

SPC8 Card Slots

- Identify the FiberConnect's active optical ports. In the FiberConnect GUI, select Ports > All Ports from the left-hand menu. The Port List shows the status of each FiberConnect port. Blank ports are not active.



Fiber Group	port1	port2	port3	port4	port5	port6	port7	port8
1	None	None	None	None	None	None	None	None
2	None	None	None	None	None	None	None	None
3	None	None	None	None	None	None	None	None
4	None	None	None	None	None	None	None	None
5	None	None	None	None	None	None	None	None
6	None	None	None	None	None	None	None	None
7	None	None	None	None	None	None	None	None
8	None	None	None	None	None	None	None	None

- To add more active ports, plug more SPC8 Soft Patch Cord cards into slots 1a-12b and/or 14a-25b of the FiberConnect. To purchase more Soft Patch Cord cards, contact your FiberConnect supplier or sales@calient.net
- Replace the molded Control Shelf cover for proper filtration and air flow.

GO!

- The FiberConnect is now ready to operate as a dynamic, remotely-controlled Fiber Optic Cross-Connect System.
- To make connections, point your browser to the FiberConnect GUI and select Cross Connects > Add from the left-hand menu.
- Select the desired FROM and TO ports, or type their names, then click "Add Connection."



MOVE THE LIGHT, NOT THE FIBER