

Black Box Fiber Converter Installation

Unpack the converter and check for any damage. The package should include the converter, power supply, and a manual.

Place the converter in the desired location, keeping in mind the network and power connections that must be made.

Connect an RJ45 10Base-T cable to the female jack on the rear of the unit. If the connection is going to a 10 Base-T transceiver or card, a crossover cable is needed (**Pair 1:** Pin 1 to 3, Pin 2 to 6; **Pair 2:** Pin 3 to 1, Pin 6 to 2). If the connection is to a port on a 10 Base-T hub, a straight through cable is required.

- the "Link 1 0" slide switch was removed when the unit went off-R2

Connect the fiber optic cable using "ST" connectors to the TX fiber ports, keeping in mind that the RX on one end must connect to the TX on the other converter. Multimode fiber optic cable is required. 62.5/125 micron fiber is recommended, with a max distance supported of 2km.

Apply power and function test, keeping in mind link pass-thru operation when troubleshooting the link connections.