BLACK BOX®
NETWORK SERVICES

Quick Installation

This installation guide gives step-by-step instructions about how to install the Express Ethernet Switch: LB9017A-R3 with or without its modules: LB9017C-SC-R2 and LB9007C-ST-R2

Selecting a Site for the Express Ethernet Switch: LB9017A-R3

As with any electric device, you should place the equipment where it will not be subjected to extreme temperatures, humidity, or electromagnetic interference. Specifically, the site you select should meet the following requirements:

- The ambient temperature should be between 32 and 122 degrees Fahrenheit (0 to 50 degrees Celsius).

- The relative humidity should be less than 90 percent, non-condensing.

- Surrounding electrical devices should not exceed the electromagnetic field (RFC) standards for IEC 801-3, Level 2 (3V/M) field strength.

- Make sure that the equipment receives adequate ventilation. Do not block the ventilation holes on each side of the switch or on the rear of the equipment.

- The power outlet should be within 6 feet (1.8 meters) of the switch.

Installation and Placement Instructions

Mounted to 19-inch standard rack

Locate the accessories supplied in the product package. Use the rackmount brackets and screws to install the switch into any 19" standard rack.

Step 1: Attach the brackets to each side of the chassis.

Step 2: Apply the screws to each side and secure them tightly.

Step 3: Carefully position the switch into the rack.

Step 4: Align the brackets to the side holes on the rack and use rack screws to secure the chassis with the rack.

Step 5: Proceed to the "Connecting to Power" section.

Desktop or any flat surface

The switch can sit on desktop or any flat surface with adequate space and ventilation. If you want to place it onto a shelf, make sure the shelf can withstand the weight of the switch.

Step 1: Simply put the switch on the desired place.

Step 2: Ensure the switch receives good ventilation.

Step 3: Proceed to the "Connecting to Power" section.

Optional Fiber Module Installation for LB9017C-SC-R2 or LB9007C-ST-R2

Consult the following illustrations before installation.

Step 1: Make sure the power is switched off. The module is not hot-swappable.

ⓘ It may cause electric shock or any possible damage to the switch if the power is not switched off.

Step 2: Remove the module from the static-free container.

Step 3: Unscrew the cover plate of the expansion slot.
(The slot for single-port module is located at the right side of the switch.)

Step 4: Remove the plate.
(Keep it for future use if you decide to remove this module later.)

Step 5: Carefully slide the module into the slot, following the internal plastic guide rails.

Step 6: Once it is fully slid in, snap in the module to make a proper connection.

Step 7: Fasten the module screws.
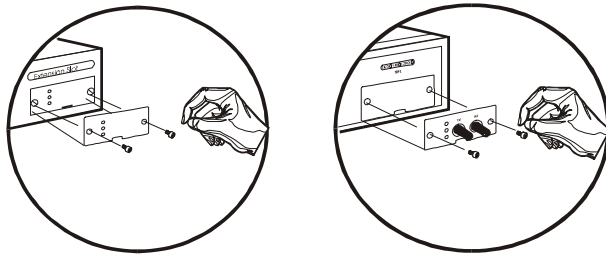
Step 8: Finally, turn on the power.

Figure 4: Removal of cover plate   Fiber module being installed