



Read Me First !

Model 99-00549-01 1000BaseSX GBIC

Model 99-00550-01 1000BaseLX GBIC

This yellow sheet describes how to install, remove, and maintain Gigabit Interface Converters (GBICs). For more details, please refer to Asanté IntraCore 9000 or IntraCore 8000 manual.

Caution Unnecessary removal/insertion of a GBIC could lead to premature failure of the GBIC. A GBIC has a lifetime of 100 to 500 removals/insertions.

GBIC Installation

Caution: When removing or inserting a GBIC, recommend to wear an ESD wrist strap .

Note GBICs are hot-swappable.

To install a GBIC, perform these following steps:

- Step 1** Remove the GBIC from its protective packaging.
- Step 2** Verify that the GBIC is the correct type for your network by checking the part number. The number indicates whether it is 1000BaseSX (multi-mode) , 1000BaseLX (single-mode).
- Step 3** Grip the sides of the GBIC with your thumb and forefinger; insert the GBIC into the slot on the front of the module.
- Step 4** Slide the GBIC into the slot until you hear a click. The click indicates the GBIC is locked into the slot.
- Step 5** When you are ready to attach the fiber-optic cable, remove the plugs from the GBIC and save for future use.

GBIC Removal

To remove a GBIC, perform these following steps:

- Step 1** Disconnect the fiber-optic cable from the GBIC SC-type connector.
- Step 2** Release the GBIC from the slot by simultaneously squeezing the plastic tabs (one on each side of the GBIC).
- Step 3** Slide the GBIC out of the slot.
- Step 4** Install the plugs in the GBIC optical bores, and place the GBIC in protective packaging.

GBIC Care and Handling

Follow these GBIC care and handling guidelines:

- GBICs are static-sensitive. To prevent ESD damage, follow your normal board and component handling procedures.
- GBICs are dust-sensitive. When the GBIC is stored or when a fiber-optic cable is not plugged in, always keep plugs in the GBIC optical bores.
- The most common source of contaminants in the optical bores is debris picked up on the ferrules of the optical connectors. Use an alcohol swab or Kim-Wipe to clean the ferrules of the optical connector.