



Installation Notes for the Catalyst 3750-X and 3560-X Switch FIPS Kits

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Before you install the FIPS kit, observe the following information regarding the ambient temperature:



Warning

To prevent the switch from overheating, do not operate it in an area that exceeds the maximum recommended ambient temperature of 104°F (40°C). To prevent airflow restriction, allow at least 3 inches (7.6 cm) of clearance around the ventilation openings. Statement 17B

The FIPS 140-2 level 2 physical security requirements for the switches are met by the use of opacity shields covering the front and side panels of the switches to provide the required opacity, and by the tamper evident seals to provide the required tamper evidence. The following sections illustrate the physical security provided by the switches.

Table 1 shows the number of tamper evident labels and opacity shields that shall be installed for the switch to operate in a FIPS-approved mode of operation. The Crypto Officer (CO) is responsible for securing and having control at all times of any unused tamper evident labels.

Table 1 Tamper Evident Labels and Opacity Shields – Catalyst 3750-X and 3560-X Switches

Face	Tamper Evident Labels	Opacity Shields
Front	5	2
Left	6	2
Right	6	2
Rear	5	n/a
Total	22	6



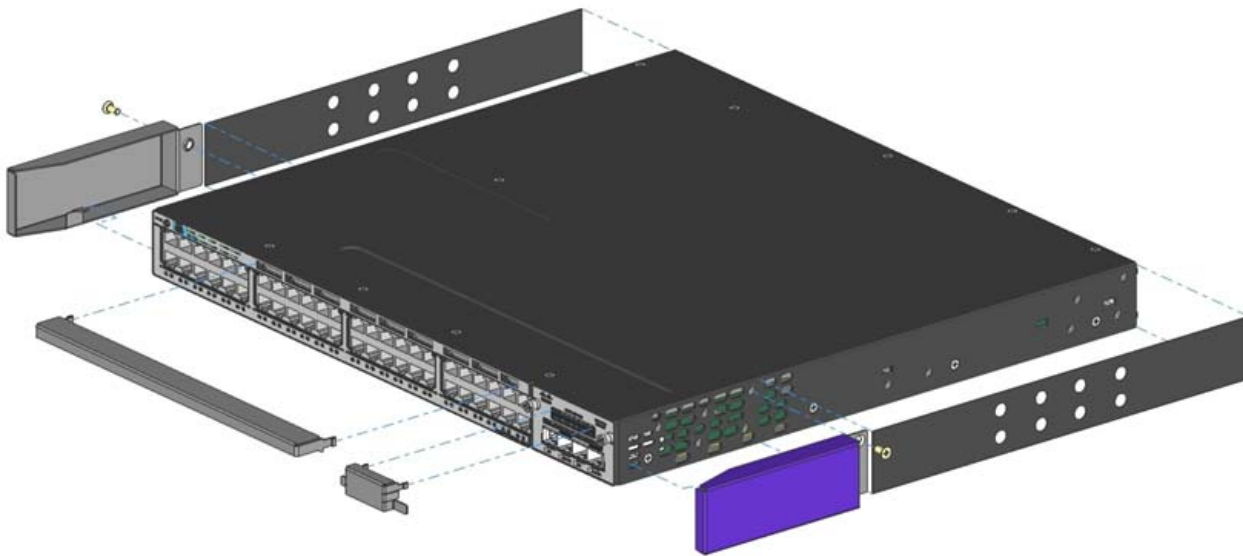
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Module Opacity

To install an opacity shield on the Catalyst 3560-X and 3750-X switches, follow these steps:

- Step 1** Open the FIPS kit (part number: C3KX-FIPS-KIT). The kit contains:
- Opacity shields for front and sides
 - Tamper evident labels
- Step 2** Apply the opacity shields as shown in [Figure 1](#).

Figure 1 Opacity Shields



Tamper Evidence

Once the module has been configured to meet overall FIPS 140-2 Level 2 requirements, the module cannot be accessed without signs of tampering. The CO shall inspect for signs of tampering periodically.

To seal the system, apply serialized tamper-evidence labels as depicted in the following figures.

Figure 2 Front

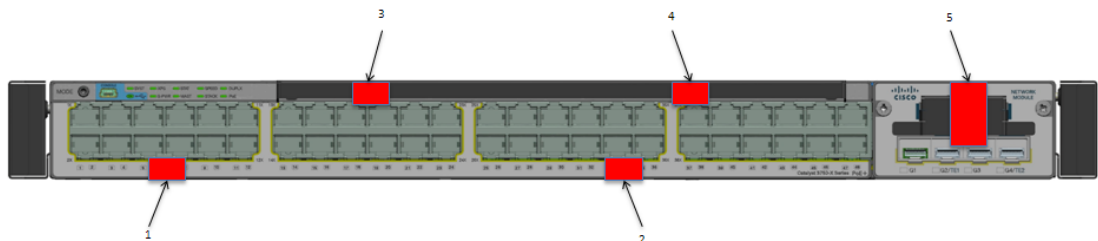


Figure 3 *Right Side*

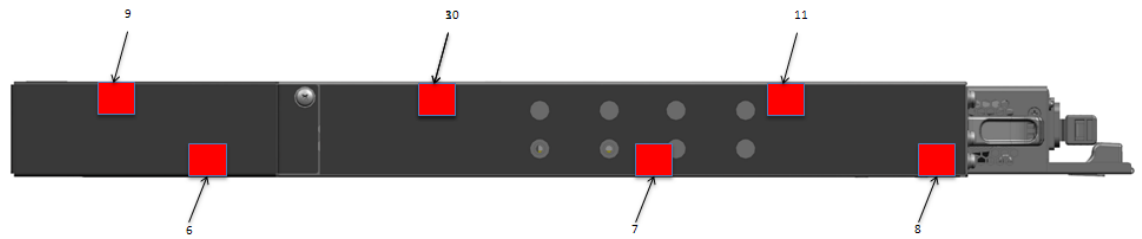


Figure 4 *Left Side*

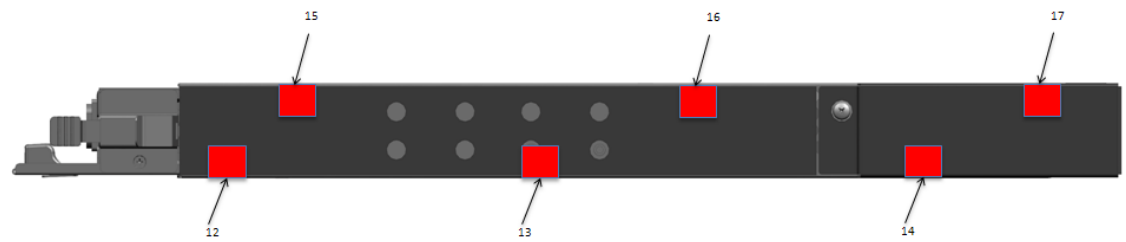
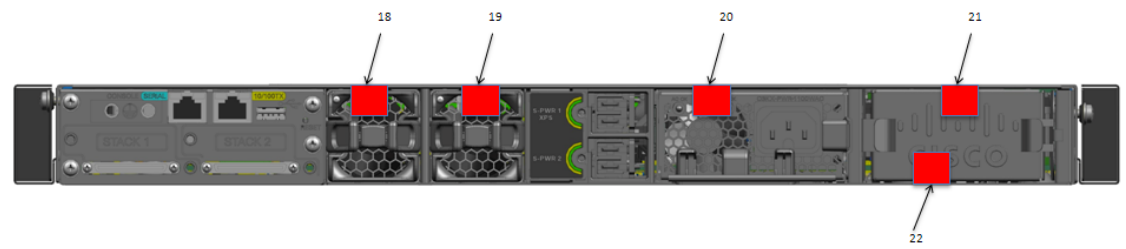


Figure 5 *Rear*



Related Publications

These documents are on Cisco.com:

http://www.cisco.com/en/US/products/ps10745/tsd_products_support_general_information.html

- *Catalyst 3750-X and 3560-X Switch Getting Started Guide*
- *Catalyst 3750-X and 3560-X Switch Hardware Installation Guide*
- *Regulatory Compliance and Safety Information for the Catalyst 3750-X and 3560-X Switch*
- *Installation Notes for the Catalyst 3750-X, Catalyst 3560-X Switch Power Supply Modules*
- *Installation Notes for the Catalyst 3750-X and 3560-X Switch Fan Module*
- *Installation Notes for the Catalyst 3750-X and 3560-X Switch Network Modules*
- *Release Notes for the Catalyst 3750-X and 3560-X Switch*
- *Catalyst 3750-X and 3560-X Switch Software Configuration Guide*
- *Catalyst 3750-X and 3560-X Switch Command Reference*
- *Catalyst 3750-X, 3750-E, 3560-X, and 3560-E Switch System Message Guide*
- *Cisco Expandable Power System XPS-2200 Hardware Installation Guide*
- *Cisco Expandable Power System XPS-2200 Compatibility Matrix*
- *Cisco IOS Software Installation Document*

Information about Cisco SFP and SFP+ modules is available from this Cisco.com site:

http://www.cisco.com/en/US/products/hw/modules/ps5455/prod_installation_guides_list.html

SFP compatibility matrix documents are available from this Cisco.com site:

http://www.cisco.com/en/US/products/hw/modules/ps5455/products_device_support_tables_list.html

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<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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