

# Fiber Optic Kit for X-Series™ Modular Chassis

Installation instructions for the X10G Fiber Optic Kit used with the Websense® X-Series™ modular chassis are provided here.

The X-Series is a high-performance network security system running on an energy-efficient blade enclosure from Dell™. The chassis holds up to 16 security blades optimized for Websense Web Security Gateway / Anywhere.

## X10G chassis cabling

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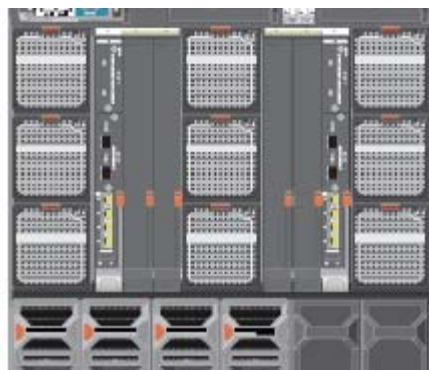
The X10G chassis is shipped with power cables, ethernet cables, a serial cable, and SFP+ copper cables.

- ◆ Fiber optic cables are optional and must be provided by your site.
- ◆ Fiber optic cables, when used, must connect to an X10G chassis switch via the appropriate optical transceiver (ordered separately from Websense, Inc., and installed by you).

## Chassis switches

Two on-chassis switches with network interface cards are oriented vertically at the back of the X10G chassis.

The switch on the left side is Switch A1.



Use either an SFP+ copper cable to connect the P1 interface on Switch A1 (left switch) to your network, or install an optical transceiver and then use your own OM3 or OM4 fiber optic cable, if desired.

If you ordered the optical transceiver kit with your chassis, follow the instructions in this paper to install the transceivers into the switches at the back of the X10G chassis.

## Fiber Optic Kit

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Each **Fiber Optic Kit** includes two 10GbE SFP+ transceivers (NIC cards).

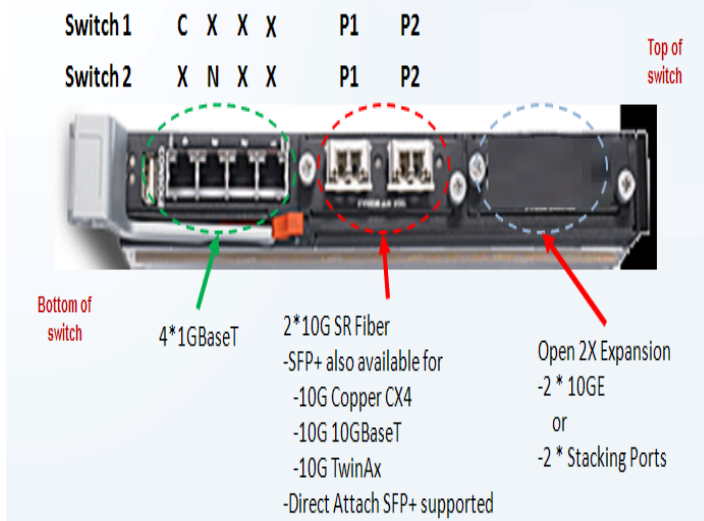


1. Power off the chassis.
2. Slide an optical transceiver into the P1 (and optionally P2) NIC opening in Switch A1 at the back of the chassis.

The bottom of the switch is depicted at the left in the diagram below. P1 is the fifth opening from the bottom.

Do not force the transceiver into place. The transceiver slides easily into the existing NIC opening when inserted correctly.

### Port Assignments



3. Use a fiber optic cable to connect the P1 interface on switch A1 to your network. The X10G switch requires an **SC** connector at the switch-end of the fiber optic cable.
4. Other cabling depends on your site's setup. Follow the X10G [Quick Start Poster](#) for guidance.

If you are not using fiber optic cables, no optical transceiver kit is required. Instead, connect an SFP+ copper cable (provided) to the P1 interface on switch A1.

For additional setup instructions, please see:

- ◆ [X10G Deployment Planner Checklist and Worksheet](#)
- ◆ [X10G Getting Started Guide](#)