

Copper SFP Transceivers

User's Guide

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Only trained and qualified personnel should be allowed to install or replace these modules.



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Introduction

This user's guide provides information for Copper SFP transceiver modules, as well as instructions for installing, connecting and removing these transceivers.

Copper SFP transceiver modules are hot-pluggable - you can insert them into SFP module slots and remove them without interrupting the host system.

Copper SFP Transceiver Modules:

The SFP modules uses 3.3V power

input and RJ-45 connectors.

Handling, Safety, and Environmental Guidelines

Read the following guidelines before installing and using Copper SFP transceiver modules.

Handling Warning

Copper SFP are static sensitive. To prevent damage from electrostatic discharge (ESD), it is recommended to attach an ESD preventative wrist strap to your wrist and to a bare metal surface when you install or remove a Copper SFP module.

Safety Warning

Copper SFP modules:
Read the following safety and warning instructions carefully.

Only trained and qualified personnel should be allowed to install or replace these modules.



Environmental Warnings:

Dispose of your Copper SFP module according to all national laws and regulations.

Installing and Removing Copper SFP Modules

The Copper SFP module installation and removal procedures are described in this section.

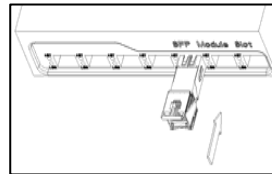
Note:

Disconnect all UTP (Unshielded Twisted Pair) cables before removing or installing a Copper SFP module. Do NOT remove and insert Copper SFP modules more often than is absolutely necessary. Doing so may shorten the useful life of SFP modules.

Installing a Copper SFP module:

Follow the steps below to install a Copper SFP module.

1. Attach an ESD preventative wrist strap to your wrist and to a bare metal surface.
2. Remove the Copper SFP module from its protective packaging.
3. Find the Copper SFP markings on the SFP module.
4. Align the Copper SFP module in front of the slot opening.
5. Insert the Copper SFP module into the slot until you feel the Copper SFP module snaps into place.

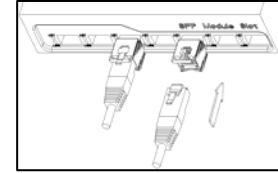


If SFP module resists as you push it in, do NOT force it; turn it over and reinsert it.

Connecting UTP Cables

Follow the steps below to connect UTP cables to the Copper SFP module.

1. Insert UTP cable into the RJ-45 connector of Copper SFP module.
2. Make sure to push UTP cable into the Copper SFP module with RJ-45 already latched.

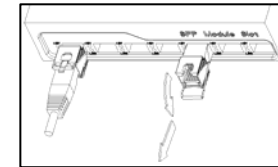


Removing a Copper SFP module

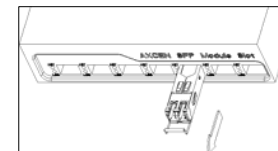
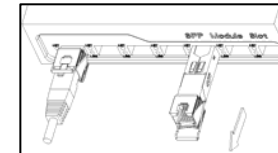
Follow the steps below to remove an SFP module.

1. Attach an ESD preventative wrist strap to your wrist and to a bare metal surface
2. Disconnect the UTP cable from the SFP module.
3. Unlock and remove the Copper SFP module, as shown in the figures below.

Pull out the latch and down to unlock the SFP module.



Using your thumb and index finger, grasp the tabs on both sides of the module and carefully slide it out of the slot.



4. Place the removed SFP module in the protective packaging or antistatic bag.

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