

Network connection lost after unplugging and replugging the optical module



Overview

Check the model of the faulty optical module. If it is not a Huawei-certified optical module, replace it with a Huawei-certified optical module. If the optical module is installed on a GE port, run the display interface `GigabitEthernet x/x/x` command to view port information when the optical module. Common Problems Encountered in Optical Module Applications In real-world deployments, It failures generally fall into several key categories. Most issues are not isolated but result from compatibility, environment, or improper operation. In. The issue is a few times a day I lose Internet connection! When I check the LEDs on the ONT box all seem fine but the router has no Internet, the router and WiFi connection is fine its just there is no Internet connection coming from the ONT, as if something happens and it drops the connection. Have you ever dealt with sudden network drops from faulty optical modules?

Issues like this cannot only break communications, but they can really jeopardize business continuity.



Article Content

Dec 08, 2025

Unplugging and plugging in ethernet cable restores lost connection

Last week I had my fibre connection installed by Zzoomm in England. They installed a ADTRAN SDX622v as ONT. Which has a 10Gbps Ethernet port and it goes to my TP-Link Deco M4

Jul 22, 2025

networking

I have 2 powerline units that let me access the internet over my electrical network. However, I sometimes lose connection, and I have to

Jul 03, 2025

Optical Module: Typical Optical Module Troubleshooting Procedure

Use an optical power meter to test the receive power of the port and check whether the optical fiber is disconnected. Use one optical fiber to form a loop on the port to check whether the port goes Up. If

Jan 10, 2026

How to Fix Network Cable Unplugged Errors in Windows

Local Area Connection Status: In the Network Connections window, the status for your Ethernet connection may indicate that it's disconnected. Limited Connectivity Message: When

Feb 17, 2026

Fix “Network Cable Unplugged” or “No Network

Learn safe, step-by-step ways to fix “Network cable unplugged” or “No network detected” on desktops and printers—without touching core network

Apr 27, 2026

Analyzing Abnormal Situations During Installation and Use of Optical

This article helps engineers quickly identify optical module installation issues and take targeted measures to restore network operations. We recommend saving this article as a tool

Oct 20, 2025

How to Remove Stuck SFP Modules from Network

Guide to safely remove stuck SFP transceivers from switch ports. Step-by-step solutions for wedged modules and broken latching mechanisms.

Jun 22, 2026

Removing and Installing Transceivers and Fiber-Optic Cables on

Juniper Networks devices have optical transceivers to which you can connect fiber-optic cables. To disconnect a fiber-optic cable from an optical transceiver installed in the device:

Nov 23, 2025

Question

My motherboard is MSI Z170A M7 gaming motherboard 2016 bought I was on a tech call about internet speed, the guy on the phone told me to try plugging on directly to router. However, my

May 21, 2026

networking

Things that bring the Ethernet connection back: Reboot remove and re-add module "e1000e" suspend and wake The most puzzling thing about this to me is that I have a second

Jun 26, 2026

optical module Troubleshooting and Common Problems

optical module troubleshooting guide covering common faults, compatibility issues, optical link failures, ESD risks, and practical solutions.

Oct 22, 2025

How to Fix Network Cable Unplugged Errors in Windows

6. Restart your computer after the installation process completes. Reset the Network Adapter Sometimes resetting the network adapter can fix network cable

May 13, 2026

Troubleshooting Faulty Optical Network Terminals

Learn how to troubleshoot and fix common issues with your optical network terminal (ONT), a device that connects your fiber optic broadband service.

Feb 24, 2026

Optical Module Failure Diagnosis and Prevention:

A comprehensive guide on Optical Module Failure diagnosis and prevention to maintain network stability through effective troubleshooting,

Jun 12, 2026

Resetting Your ONT Box: A Comprehensive Guide to Troubleshooting

What is an ONT box and why do I need to reset it? An ONT (Optical Network Terminal) box is a device that converts fiber-optic signals into digital signals that your devices can understand.

Feb 19, 2026

Troubleshooting and Repairing Optical Transceiver Failures in

Have you ever experienced an unexpected network outage due to the failure of an SFP/SFP+ optical transceiver? Network outages can bring your ability to communicate and work to a

Jun 23, 2026

Unbelievable Trick to Easily Remove an Optical Fiber Cable From

Optical Fiber Cable Connector Remove from Modem (optical network terminal (ONT))About Channel :Art of Engineers channel is only for technical knowledge sharing.

Jun 30, 2025

"Network cable unplugged" after reboot of windows computer

There is no way of stepping over it or moving it by accident. Unplugging and relugging the cable helps in some instances, in others it doesnt. Not replugging and resetting the network adapter

Mar 05, 2026

Optical Cable Not Working? 6 Proven Ways to Fix It

Don't let cable woes ruin your streaming binge or video conference; instead, explore these six proven ways to troubleshoot and fix your optical cable issues.

Understanding Your Optical

Jul 20, 2025

unplug and plug back in looses ethernet connection

unplug and plug back in looses ethernet connection I updated my second computer from Win 8.1 to 10 20H2 now, when I unplug my ethernet cable

Dec 08, 2025

Troubleshooting Your Optical Transceiver: A

Optical transceivers play a crucial role in modern data communication networks, enabling the transmission and reception of optical signals across fiber

Nov 20, 2025

Common Optical Transceiver Failures and Effective Troubleshooting ...

Discover the most frequent optical transceiver failures and learn how to diagnose, test, and solve them using proven techniques. Includes expert insights and testing methods for fiber optic

Dec 17, 2025

How to Install and Remove SFP Transceiver Modules?

Installing and removing SFP (Small Form-factor Pluggable) transceiver modules is a common task in managing and maintaining fiber optic networks.

Nov 29, 2025

Troubleshooting Optical Module Issues

Check whether the transmit optical power and receive optical power of the optical module are within the normal range. If the transmit optical power is beyond the normal range, replace the

Jun 11, 2026

Fix: Network Cable Unplugged

Right-click on the network adapter present on your taskbar and select " Open Network and Sharing Center ". Click on " Change adapter settings "

Mar 27, 2026

How to Install or Remove SFP, SFP+, QSFP, and XFP

SFP and other optical modules are key components of any fibre optic network. They enable high-speed connections between active equipment and

Aug 29, 2025

DS110DF111: the SFP optical port fails to be inserted

For DS110DF111, it is followed by a 10G SFP optical module, but after repeated insertion and removal, the optical module cannot be used, and the link

Feb 17, 2026

How to install and remove SFP/SFP+ transceiver?

Warning: Do not leave the fiber optic transceiver exposed except when inserting or removing fiber optic cables. Safety caps keep the ports clean

Apr 18, 2026

DS110DF111: the SFP optical port fails to be inserted

During the test, it was found that it was normal for the same optical port to be repeatedly inserted and removed with a 1G optical module, but it was

Mar 22, 2026

Optical Module Application: Common Problems & Troubleshooting

Based on typical issues encountered with optical modules in daily switch applications, this document summarizes basic troubleshooting steps for resolving common faults:

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://regen-power.co.za>

Email: info@regen-power.co.za

Phone: +49 176 845 2036

Address: Taunusanlage 15, 60325 Frankfurt am Main, Germany

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