

Replace the faulty ONU or the optical module of the ONU. The optical module of the ONU is abnormal. For example, the transmit optical power of the optical module is excessively small or its receiver ...

This topic describes how to troubleshoot common faults in ONU abnormal state, including ONU fail to go online, fail to recover ONU configurations, mismatch of ONU profile, fail to auto discover an ONU, ...

Diagnosis method: add a register command to confirm whether the optical module emits a long light, confirm whether the board is calibrated, and the hardware is abnormal, and replace the ...

Try swapping the fiber optic cables going into the ONU's SFP module to determine if the issue is on the network or ONU side. If optical loss is high, the outside plant cabling, splices or ...

Learn how to identify, diagnose, and resolve rogue ONU/ONT issues that disrupt your PON network performance. Discover solutions to prevent network interference.

As core components of optical communication systems, the proper installation and use of optical modules directly impacts network stability. This article systematically identifies common ...

If the ONU emits strong light, the abnormal light emission of the ONU can be determined by testing the optical power at the optical splitter during troubleshooting.

Solution: Inspect ONU for visible damage, ensure proper ventilation, and listen for abnormal noises. Replace damaged components or contact the manufacturer for repair/replacement.

Hi all, It's being a real issue for me for a while. The problem is whenever my ISP do some maintenance, my ONU (E/GPON terminal) module gets damaged. It's happened to me for at least 4 times. I've ...

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