

Caution Against Moisture.



Do Not Disassemble or Modify.



Please wear ESD gloves.



Please do not touch the internal electrical contacts.

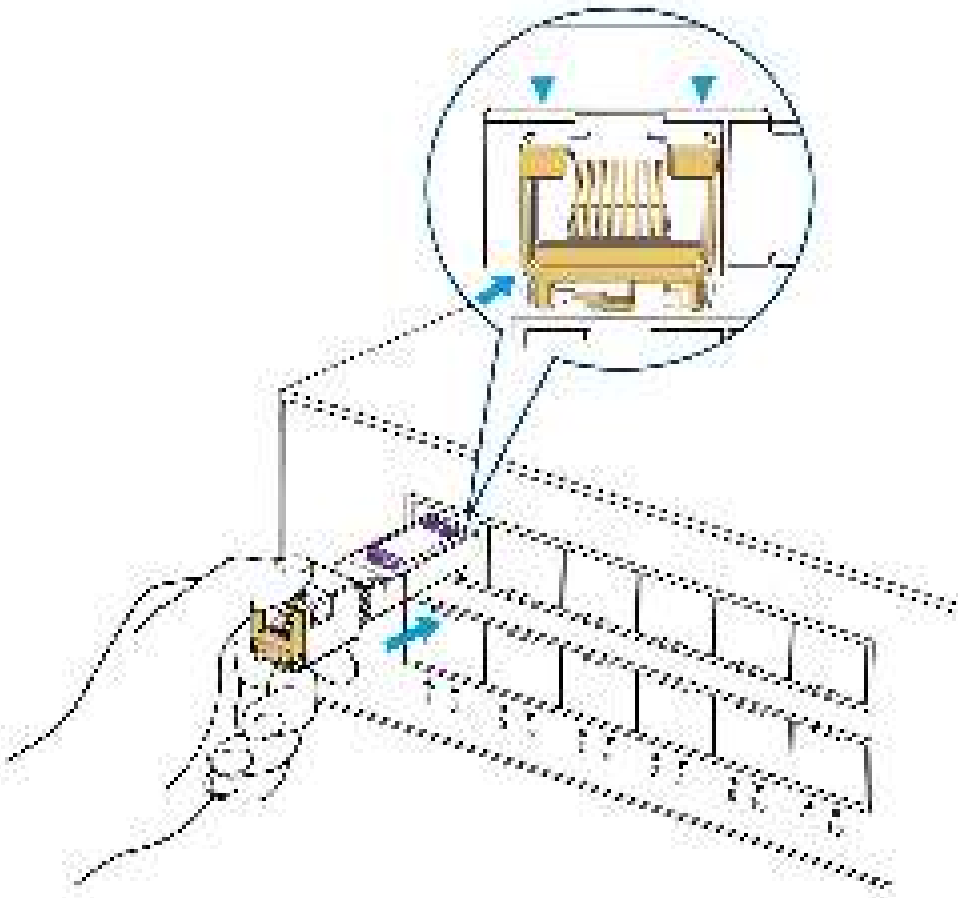
Specifications

- Band: XZSNET
- Mode: XZS-SFP10G-T
- Data Rate: 1/2.5/5/10Gbps Auto-Negotiation.
- Supports links CAT6a/ CAT7 cables, up to 30m.
- Consumption Power <2W
- Temperature: 0 to 70°C (32 to 158°F)
- Compliant with SFP MSA

This product supports hot-plugging — No need to power off the host device.

Installation

1.Align the module keying notch with the slot (notch faces downward).
2.Gently insert the module until the latch clicks into place.
3. Connect the RJ-45 cable until the tab clicks into place.

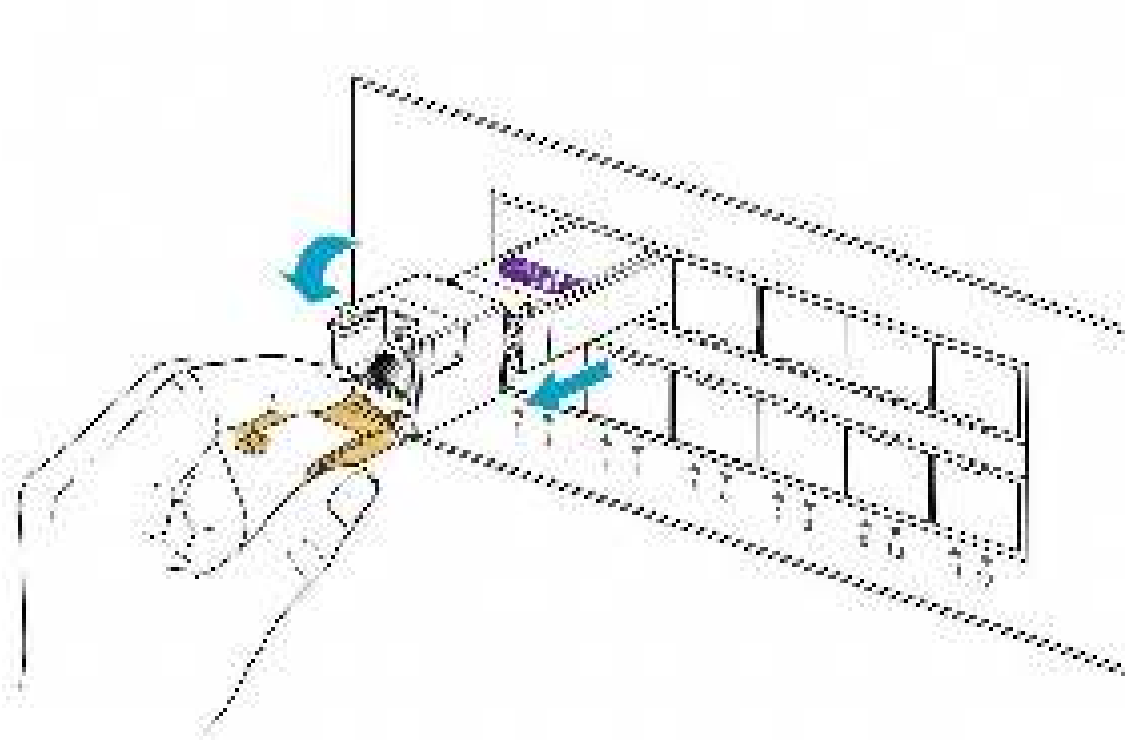


Removal

1. Disconnect the RJ-45 cable.
2. Wait 30 seconds to allow the module to cool down (the surface may exceed 60°C / 140°F).
3. Pull the bail clasp outward to release the latch.
4. Slide the module out by gently pulling the bail clasp.

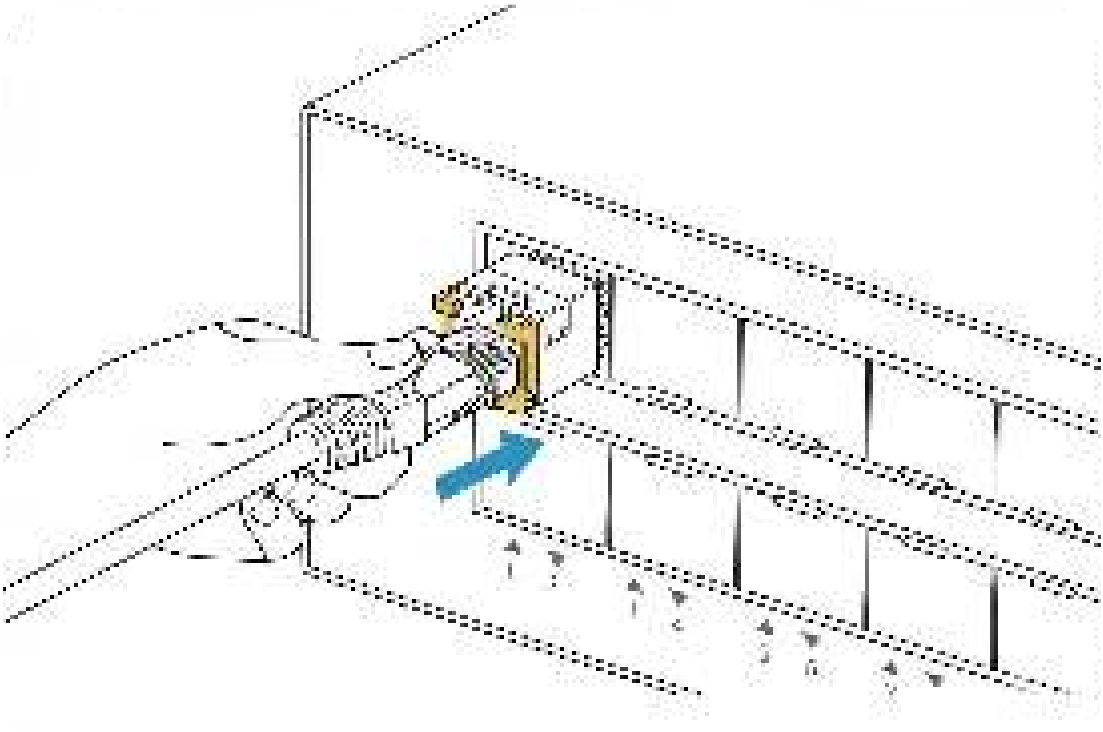
Thermal Notice

10GBASE-T modules employ PAM-16 modulation and LDPC forward error correction for high-speed signal processing, resulting in typical power consumption of approximately 2W. Elevated surface temperature during operation is a characteristic of this technology. Ensure adequate chassis ventilation.



RJ-45 Cable Installation

Please use a CAT6a, CAT7, or higher-rated cable, and ensure the cable length does not exceed 30 meters.



Common Incompatibility Troubleshooting

Physical Layer Incompatibility

Symptom	Possible Cause	Troubleshooting
Module not detected	Port supports optical transceivers only	Verify switch datasheet for 10GBASE-T SFP compatibility.
	Insufficient power budget	Verify host can supply ≥3.5W per SFP+ slot

Intermittent link loss	Contaminated electrical contacts	Clean contacts with isopropyl alcohol; test interchangeably in alternate slots.
	Damaged slot connector	Cross-verify with alternate slots.
Link flapping	Thermal protection triggered	After removing the module, allow it to cool before reuse, and ensure adequate chassis ventilation.
	Inadequate grounding or EMI	Verify shielded cable grounding; maintain separation from high-voltage cabling.

Link Layer Negotiation Failure

Symptom	Possible Cause	Troubleshooting
Link cannot establish	Auto-negotiation mismatch	Configure both ends to auto-negotiation; or manually configure 10G Full-Duplex on both ends.
	Non-compliant cabling	Replace with Cat6a/ Cat7 or higher-rated cable, with a maximum length of 30 meters.
	Incorrect wiring or loose termination	Verify continuity of all 8 conductors with certified cable tester.
Module detected but no link	Peer device port failure	Test with known-good alternate device or port.

Firmware Layer Incompatibility

Symptom	Possible Cause	Troubleshooting
Abnormal module detection	Outdated switch firmware	Upgrade to latest firmware release.
	EEE (Energy-Efficient Ethernet) incompatibility	Disable EEE if causing link instability

WARRANTY & SUPPORT

XZSNET is committed to our customers. If this product is incompatible with your equipment or found to be defective, we offer a 30-day return or exchange from the date of receipt. We also provide a 2-year warranty — should any issue arise during the warranty period, please contact the XZSNET Customer Support team at any time, and we will repair or replace the product promptly and free of charge.

CONTACT US

Email: xzsnet@support.com
Website: https://www.xzsnet.com