

RIVO MULTITRADE OPTICAL SYSTEMS

Pakistan has stockpiled 1G pluggable optical modules



Overview

Find the best Sfp Module in Pakistan. OLX Pakistan offers online local classified ads for Sfp Module .

Key Takeaways

Pakistan has access to 1G pluggable optical modules, including both fiber and copper SFP transceivers, widely used in networking and data center applications. Types of 1G Pluggable Modules in Pakistan

- Fiber Optic SFP Modules
- Single-mode (SM) and multi-mode (MM) modules are available for long-distance and short-distance Gigabit Ethernet applications .
- Example: Ai-Tek SFP 1G SC SM 20km module supports bi-directional communication over a single fiber strand, with distances up to 20 km, using 1310nm transmit and 1550nm receive wavelengths .
- GEZHI 1.25G SFP modules support link lengths from 550m to 80km over LC duplex fiber, operating at 850nm, 1310nm, or 1550nm, suitable for Fast Ethernet, Gigabit Ethernet, Fibre Channel, and SONET/SDH links .
- Copper SFP Modules
- Designed for short-range Gigabit Ethernet over Cat 5e/6 cables, supporting distances up to 100 meters .

- Example: Ai-Tek GLC.T 1G Copper SFP module features an RJ45 connector and is hot-swappable, ideal for switch-to-switch connectivity in enterprise networks .

Applications

- Telecom Networks: Fiber SFP modules enable long-distance, high-speed data transmission for backbone networks.
- Data Centers: Both fiber and copper SFPs are used for server-to-switch and switch-to-switch connections, ensuring reliable Gigabit Ethernet performance.
- Enterprise Networks: Short-range copper SFPs provide cost-effective connectivity for office LANs and campus networks.

Availability and Procurement

- These modules are commercially available in Pakistan through suppliers like PowerhouseExpress and QSFPTEK, with bulk purchase options and delivery across the country .
- Prices for fiber SFP modules start around Rs.2,760, while copper SFP modules are priced around Rs.2,880 .
- Modules are plug-and-play, hot-swappable, and compliant with IEEE standards, ensuring seamless integration with existing networking equipment.

Summary

While there is no public confirmation of a government stockpile, Pakistan has ready access to 1G pluggable optical modules for both fiber and copper networks. These modules support Gigabit Ethernet across various distances and are widely used in telecom, data center, and enterprise environments, ensuring the country's networking infrastructure can maintain high-speed connectivity and scalability .

Article Content

Ai-Tek SFP Transceiver Module Price in Pakistan

The Aitek GLC.T 1G Copper SFP Transceiver is a hot-swappable networking module designed for 1 Gigabit Ethernet applications

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With a focus on delivering reliable and efficient data transmission, this SFP module is ideal for access points and network

Ai-Tek SFP 1G SC-SM Transceiver Price in Pakistan

It features an SC connector and supports distances up to 20 kilometers, making it ideal for telecom, data center, and enterprise

Pluggable Optical Module Market Research Report 2034

The pluggable optical module market was valued at \$9.8 billion in 2025 and is projected to reach \$26.4 billion by 2034, growing at a

1G SFP vs 10G SFP+: How to Tell the Difference

Learn the essentials of SFP optical modules for network optimization. Discover practical methods to distinguish 1G

Ai-Tek SFP 1G SC-SM Transceiver Price in Pakistan

Buy Ai-Tek SFP 1G SC SM 20km Module Transceiver in Pakistan from PowerhouseExpress .pk at an unbeatable price is

1G SFP Mini GBIC | SFP Transceiver Modules

Buy QSFPTEK 1G SFP (small form factor pluggable) with wide selection of 200+ brands compatible, 1000base-sx SFP, 1000base-lx

1G SFP Multimode Transceiver

The SR-1G-MM-SFP is a hot-pluggable, small form-factor pluggable (SFP) optical transceiver designed for short-range data

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OCP EMEA 2025: FiberMall's 1.6T Pluggable Optical Module Based

The adoption of a 1.6T optical system based on 224G per lane technology represents a pivotal advance for future AI

Pakistan Now Connected with World's Largest Optical Fiber Cable

Pakistan strengthens its internet infrastructure with the world's largest optical fiber cable, according to IT Minister.

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