Compatible Low-Loss OSFP Optical Module Suppliers in ASEAN Countries



Overview

Designed for high thermal capacity, electrical scalability, and forward compatibility, OSFP modules now drive connectivity across 400G, 800G and the emerging 1.6T generation.

Key Takeaways

Key suppliers of low-loss OSFP optical modules with potential ASEAN availability include InnoLight Technology, Accelink Technologies, Source Photonics, Gigalight, Amphenol, Cisco, TE Connectivity, and LINK-PP.

Overview of OSF

P ModulesOSFP (Octal Small Form Factor Pluggable) modules support high-speed data rates from 400G to 1. 6T, featuring 8-lane electrical architecture and improved thermal performance for dense data center deployments.

Low-loss OSF

P modules are designed to minimize insertion loss, maintain signal integrity, and reduce power consumption, making them ideal for AI/ML workloads, HPC clusters, and high-bandwidth Ethernet networks. Key Suppliers with ASEAN ReachInnoLight Technology – Offers 400G/800G OSFP modules with low insertion loss and high reliability.

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Inno

Light has offices and distribution channels in Asia, including Singapore and Malaysia, which can serve ASEAN customers. Accelink Technologies – Provides OSFP modules compatible with IEEE and OIF standards, supporting low-loss optical performance. Accelink has regional partners in Southeast Asia for supply and technical support.

Source Photonics – Manufactures OSFP modules with low power consumption and high signal integrity. They maintain distribution networks in Asia, including ASEAN countries. Gigalight – Offers cost-effective OSFP modules with low insertion loss and high thermal efficiency.

Gigalight has regional offices and distributors in Singapore, Thailand, and Vietnam. Amphenol – Supplies 800G OSFP modules with low latency and low power (

Article Content

Sfp Module Suppliers For Remote & Wan Deployments — Canada

Below are five optical modules suppliers that reliably serve Canada & Australia — one featured partner (Wolon Fiber) plus four distributors/manufacturers you can use for pilot samples, spares, and scale

1.6T OSFP Transceivers | Optical Transceivers | Amphenol

The OSFP 1.6T LPO transceivers (500m, SMF) are also compliant with OSFP MSA, IEEE 802.3, OIF-CMIS, and RoHS standards, and are

OSFP Transceivers: High-Density Optical Connectivity from 400G to

Designed for high thermal capacity, electrical scalability, and forward compatibility, OSFP modules now drive connectivity across 400G, 800G and the emerging 1.6T generation.

Optical Transceivers | Network Solutions for AI Cluster,

Discover how QSFPTEK helped PacketStream engineer a reliable 200G DWDM network over 36km using 25G optics, overcoming 100G module scarcity. In this

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