

High Port Asymmetric - HPA Optical Switch Tray OST

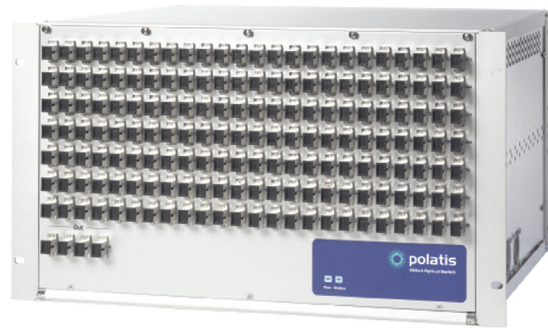
HPA Optical Switch Tray

Polatis introduces the high port asymmetric optical switch – a new series of rack-mounted switch systems, capable of instrument-quality optical switching and the ability to fast-switch dark fiber in high port count applications. Built upon DirectLight technology, path connections are maintained with the highest level of signal integrity and transparency.

Ideal for test and network monitoring applications, the product has been designed for use in core, access, and PON networks.

The system works as either an in-line or test access device, with the ability to handle bi-directional traffic signals of any format. The ability to switch without light means the switch can connect paths in continuous traffic, burst-mode data transfer, or dark fiber situations.

This flexible series of products has configurations ranging from 48 to 432 ports, and the ability to add optical attenuation and monitoring capabilities.



DirectLight® Platform

Polatis photonic switches are based on the patented DirectLight beam-steering technology, setting the standard for high performance.

The direct beam-steering architecture ensures highly reliable switching throughout the lifetime of the product, even in demanding applications.

KEY FEATURES

- Low insertion loss
- Fully non-blocking
- Reliable beam-steering technology
- Instrumentation quality performance
- Handles bi-directional traffic
- Switches dark fiber
- Handles high optical power
- Many flexible MxN configurations
- Optional optical power monitoring
- Optional variable optical attenuation

APPLICATIONS

- Core & access network monitoring
- PON/FTTx network monitoring
- Automated component test
- Shared equipment test facility
- RF over fiber switching
- Optical sensor systems
- Video feed distribution facility
- Signal aggregator for intelligent traffic systems
- High power laser source switching

High performance optical switch solutions

