Multimode Optical Switch Tray
The Polatis OST family of multimode optical switch trays utilizes the DirectLight beam-steering technology, delivering high performance in a compact, fully non-blocking, multimode product.

The multimode OST can form the integral part of a resilient network, for connection management in a business continuity setting or as part of a shipboard communication system. Since there is no regeneration, no signal monitoring and no signal modulation is introduced, the OST is a secure node for carrying sensitive communications. With its low loss, very high repeatability and low crosstalk, the multimode OST is a perfect fit for testing of Fibre Channel and GigE interfaces as part of an automation strategy.

The OST is available in both symmetric (NxN) and asymmetric (MxN) port configurations, provided in a standard 19” rack mount enclosure. Users can select either 50 micron or 62.5 micron cores.

DirectLight® Technology
All Polatis products are based on the patented DirectLight beam-steering technology, setting the benchmark for reliable, high performance switching.

Polatis also offers Fixed port and Reconfigurable single mode OST products, as well as a range of optical switch modules and standard backplane optical cards.

KEY FEATURES
- High signal stability
- Fast switching speed
- High power handling
- Dark fiber switching
- Fully non-blocking
- Bi-directional operation
- Protocol and bit rate independent
- Ethernet, RS232 and GPIB options
- Standard protocols: SCPI, TL1, SNMP
- High repeatability
- Mode transparent

APPLICATIONS
- Automated component test
- Automated manufacturing test
- GigE, fibre channel module test
- Secure communication networks
- Shipboard communications
- Enterprise networks
- Business continuity services
- Systems verification testing
- Intelligent traffic systems
- Optical sensor arrays

High performance optical switch solutions
The performance characteristics of the switch trays vary according to the fiber count.

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<th>Fiber Count</th>
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