



10 GigaBit Bypass Switch

SR Fiber

Net Optics 10 GigaBit Bypass Switches provide access to critical links for in-line security appliance monitoring. All traffic is 100% visible without the worry of data loss or network downtime. The removal and deployment of in-line appliances is also enhanced as Bypass Switches remain in the network as permanent access ports.

The Bypass Switch retains link and traffic forwarding as fail-open technology protects against network link failure in the event of power loss. While the Bypass Switch is receiving power, the monitoring ports are active. In the event that power is lost the passive nature of the network ports transparently maintains traffic integrity and the monitoring ports change to a Bypass mode. When power is restored the monitoring ports return to active mode, and the in-line device is allowed to resume its critical functions.

These same features also enable an IPS to be removed or taken off-line for maintenance without network downtime.

Cables Included! - All network and monitoring cable are provided.

Passive, Secure Technology

- Fail-over reliability for any Gigabit fiber in-line appliance
- Increased security monitoring for critical network links
- Optimized for 10 Gbps networks
- High-speed optical switching with minimal insertion loss

Ease of Use

- LED indicators display power status
- Front-mounted connectors support ease of installation and operation
- Dual power supplies
- Optional 19-inch rack frame holds two Bypass Switches
- Compatible with all major manufacturers' in-line monitoring devices



Technical Specifications:

Operating:

Operating Temperature: 5°C to 40°C

Storage Temperature: -10°C to 70°C

Relative Humidity: 10% min, 95% max, non-condensing

Mechanical:

Power Supply:

Input: 100-240V, 0.5A, 47-63Hz, Output: 5V 2.4A

Dimensions: 1.125" high x 6.0" deep x 6.5" wide

Optical:

Fiber Type:

Multimode Corning 50µm, wavelength 850nm (SR)

Multimode Corning 62.5/125µm, wavelength 850nm (SR)

Laser: Class I, eye-safe, laser emitter type. These Class I Lasers conform to the applicable requirements per US 21 CFR (J) and EN 60825-1, also UL 1950 applications

Optical Transmitter Wave Length:

850nm nominal (SR)

Output Power:

-9.5 dB min, -4 dB max (SR)

Optical Receiver Input Sensitivity:

0 dB min, -17 dB max (SR)

Connectors:

Monitoring Ports: (2) Duplex SC connectors

Network Ports: (2) Duplex SC connectors

Certifications:

Fully RoHS compliant

Part Number	Description
BPO-SR	10 GigaBit SR Bypass Switch, 62.5µm
BPO-50SR	10 GigaBit SR Bypass Switch, 50µm
RK-2	Two-Slot Rackmount Frame

All products include a 1 year manufacturer's warranty. An additional 1 or 2 year extended warranty may also be purchased.