



LX4 to XFP Converter Tap

The Net Optics LX4 to XFP Tap simplifies connecting 10 GigaBit fiber monitoring and security devices to LX4 fiber network links. Convert LX4 to XFP and tap into the link with one device, reducing cost and complexity at the same time. 10 GigaBit LX4 to XFP Taps support passive monitoring of network links at speeds of 10,000 Mbps.

LX4 to XFP Taps establish permanent passive access ports without introducing a point of failure or disturbing other network connections.

Without an IP address, monitoring devices are isolated from the network, dramatically reducing their exposure to attacks. However, the monitoring device connected to the Tap still sees all full-duplex traffic via two ports as if it were in-line, including Layer 1 and Layer 2 errors.

For extra monitoring uptime, Net Optics 10 GigaBit LX4 to XFP Taps offer redundant power connections.

Passive, Secure Technology

- Provides passive access at speeds of 10 Gbps without data stream interference or introducing a point of failure
- Access LX4 fiber links with SR or LR fiber devices without a separate converter
- Permanent in-line installation without affecting network performance
- Passes all full-duplex traffic (including errors) from all layers for comprehensive troubleshooting
- No IP address is needed for the Tap or monitoring device, enhancing monitoring security
- Redundant power ensures monitoring uptime

Ease of Use

- LED indicators show redundant power and link status
- Front-mounted connectors make installation and operation quick and easy
- Optional 19-inch rack frames hold up to 2 Taps
- Compatible with all major manufacturers' monitoring devices



Technical Specifications:

Operating Specifications:

Operating Temperature: 0° C to 55° C

Storage Temperature: -10° C to 70° C

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

Mechanical Specifications:

Power Supply:

Input: 100-240 VAC, 0.5A, 47-63Hz

Output: 5V, 3A

Dimensions: 1.45" high x 8.5" deep x 8.75" wide

Fiber Optic Interface:

10GBase-SR XFP:

Fiber Type: Corning Multimode 50µm or 62.5µm, wavelength 850nm

Input Sensitivity: -7.5 dBm

Output Power: -7.3 dBm min to -1 dBm max

10GBase-LR XFP:

Fiber Type: Corning Singlemode 8.5µm, wavelength 1310nm

Input Sensitivity: -10 dBm

Output Power: -6 dBm min to -5 dBm max

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.

Connectors:

Monitoring Port: (2) XFP type connectors, ordered separately

Network Ports: (2) Xenpac LX4 Duplex LC connectors

Certifications:

Fully RoHS Compliant

Part Number	Description
CVT-8XP-XFP*	LX4 to XFP Tap, singlemode 8.5µm
CVT-50XP-XFP*	LX4 to XFP Tap, multimode 50µm
CVT-62XP-XFP*	LX4 to XFP Tap, multimode 62.5µm
XFPKT-50SR	SR XFP Conversion Kit 50µm
XFPKT-SR	SR XFP Conversion Kit
XFPKT-LR	LR XFP Conversion Kit
RK-iTP2	Two Slot Rack Mount Frame

*All LX4 Taps have 50/50 split ratios and are available in -48V DC. All products include a 1 year manufacturer's warranty. An additional 1 or 2 year extended warranty may also be purchased.