



40 GigaBit Fiber Taps Singlemode

Get total traffic visibility for monitoring and security devices by placing Net Optics 40 GigaBit Fiber Taps on critical network links. The new slim profile of the 40 GigaBit Fiber Tap saves rack space—install up to eight Taps in a one rack unit panel. The all-optical design of the 40 GigaBit Fiber Tap is optimized and tested for high-performance on 40 GigaBit fiber networks. Available for singlemode fiber, 40 GigaBit Fiber Taps support passive monitoring of GigaBit links at speeds at 40,000 Mbps.

Requiring no power, the 40 GigaBit Fiber Taps maintain permanent passive access ports without introducing a point of failure or disturbing other network connections. These passive Taps deliver full-duplex monitoring with zero impact on network traffic around the clock.

Full-duplex monitoring is a snap with a custom monitoring cable that sends each side of the signal to a separate NIC on the monitoring device. Custom monitoring cables send each side of the network link to a separate NIC on the monitoring tool. Cable Kits are sold separately by Net Optics.

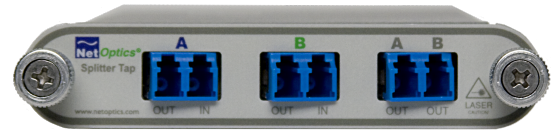
Without an IP address, monitoring devices are isolated from the network, dramatically reducing their exposure to attacks. However, the monitoring device connected to the Tap still sees all full-duplex traffic as if it were in-line, including Layer 1 and Layer 2 errors.

Passive, Secure Technology

- Provides passive access at speeds at 40,000 Mbps without data stream interference or introducing a point of failure
- All-optical design is optimized and tested for 40 GigaBit fiber networks
- 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
- Completely transparent to the network and requires no power

Ease of Use

- Front-mounted connectors make installation and operation quick and easy
- Connectors are perfectly angled to reduce cable strain
- Optional 19-inch rack frame holds up to 8 Taps
- Compatible with all major manufacturers' monitoring devices, including protocol analyzers, probes, and intrusion detection systems



► Technical Specifications:

Operating:

Operating Temperature: 0°C to 40°C

Storage Temperature: -55°C to 85°C

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

Mechanical:

Dimensions: 0.8" high x 5.5" deep x 4" wide

Splitter:

Fiber Type:

Corning Multimode 8.5/125µm, wavelength 1310nm

Split Ratio	Network Port	Monitor Port
	Insertion Loss	Insertion Loss
50/50	3.7 dB	3.7 dB

Connectors:

Monitoring Port: (1) Duplex LC connector

Network Ports: (2) Duplex LC connectors

Certifications:

Fully RoHS compliant

Part Number	Description
TP40-SM5-LCSLM	40 GigaBit Fiber Tap, LR4-SM, 1310nm
RK-8V2	Eight Slot Rack Mount Frame

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