



GigaBit Fiber Tap HD8 Singlemode/Multimode



Get total traffic visibility for monitoring and security devices by placing Net Optics GigaBit Fiber Tap HD8 on critical network links. The new slim profile of the GigaBit Fiber Tap HD8 saves rack space. The all-optical design of the GigaBit Fiber Tap is optimized and tested for high-performance on GigaBit fiber networks. Available for both singlemode and multimode fiber, GigaBit Fiber Tap HD8 supports passive monitoring of 8 links at speeds of 1000 Mbps in just 0.5U (16 links in 1U).

Requiring no power, the Fiber Tap HD8 establishes permanent passive access ports without introducing a point of failure or disturbing other network connections. These passive high-density Taps deliver full-duplex monitoring with zero impact on network traffic around the clock.

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 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 1000 Mbps without data stream interference or introducing a point of failure on 8 separate links
- LX models are compatible with 1310nm and 1550nm lasers
- Compatible with all protocols, including Ethernet, SONET, and SDH
- All-optical design is optimized and tested for 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 network connectors for easy installation and operation
- Compatible with all major manufacturer's monitoring devices including protocol analyzers, probes, and intrusion detection systems

Technical Specifications:

Operating:

Operating Temperature: -40°C to 85°C

Storage Temperature: -55°C to 85°C

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

Mechanical:

Dimensions: 0.875" high x 7" deep x 17" wide

Splitter:

Fiber Type:

Corning Multimode: 62.5 or 50/125µm wavelength 850nm

Corning Singlemode 8.5/125µm wavelength 1310 nm or 1550*nm

Split Ratio	Network Port	Monitor Port
	Insertion Loss	Insertion Loss
50/50	3.7 dB	3.7 dB
70/30	2.0 dB	6.1 dB

* Insertion losses increase by approximately 1 dB at 1550nm

Connectors:

Monitoring Port: (8) Duplex LC connector

Network Ports: (16) Duplex LC connectors

Certifications:

Fully RoHS compliant

Part Number	Description
TP-800:	Tap, Fiber, HD8, 1G, SX, 50/50, 62.5um
TP-803:	Tap, Fiber, HD8, 1G, SX, 70/30, 62.5um
TP-805:	Tap, Fiber, HD8, 1G, SX, 50/50, 50um
TP-807:	Tap, Fiber, HD8, 1G, SX, 70/30, 50um
TP-810:	Tap, Fiber, HD8, 1G, LX, 50/50, 8.5um
TP-813:	Tap, Fiber, HD8, 1G, LX, 70/30, 8.5um

All products include a 1 year manufacturer's warranty. Recommended 1 or 2 year Maintenance Plan options are available at time of product purchase.