

Ixia Net Optics Fiber Tap HD8



Get total traffic visibility for monitoring and security devices by placing the GigaBit or 10GigaBit Ixia Net Optics Fiber Tap HD8 on critical network links. The new slim profile of the Fiber Tap HD8 saves rack space. The all-optical design of the Fiber Tap HD8 is optimized and tested for high-performance on 1- and 10-GigaBit fiber networks. Available for both singlemode and multimode fiber, the Fiber Tap HD8 supports passive monitoring of 8 links at speeds of 1000 Mbps (for the 1Gb tap) and 10,000 Mbps (for the 10Gb tap) in just 0.5U (16 links in 1U).

Requiring no power, the Fiber Tap HD8 maintains 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.

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.

Ease of Use

- Front-mounted connectors make installation and operation quick and easy
- Compatible with all major manufacturers' monitoring devices, including protocol analyzers, probes, and intrusion detection systems

Key Features

- Provides passive access at speeds of 10,000 Mbps (with 10Gb tap) without data stream interference or introducing a point of failure on 8 separate links
- LX and LR 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 1- and 10-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
- Compatible with all protocols, including Ethernet, SONET, and SDH



Specifications

Operating			
Operating Temperature	-40°C to 85°C		
Storage Temperature	-55°C to 85°C		
Relative Humidity	10% min, 95%max, non-condensing		
Operating			
Dimensions	0.875" high x 7" deep x 17" wide		
Splitter			
Fiber Type	<ul style="list-style-type: none"> • Corning Multimode: 62.5 or 50/125µm wavelength 850nm • Corning Singlemode: 8.5/125µm wavelength 1310nm or 1550nm 		
	Split Ratio	Network Port Insertion Loss*	Monitor Port 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			

Product Ordering Information

Gigabit Fiber Tap HD8

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

10 Gigabit Fiber Tap HD8**TP-800X**

Tap, Fiber, HD8, 10G, SR, 50/50, 62.5um

TP-803X

Tap, Fiber, HD8, 10G, SR, 70/30, 62.5um

TP-805X

Tap, Fiber, HD8, 10G, SR, 50/50, 50um

TP-807X

Tap, Fiber, HD8, 10G, SR, 70/30, 50um

TP-810X

Tap, Fiber, HD8, 10G, LR, 50/50, 8.5um

TP-813X

Tap, Fiber, HD8, 10G, LR, 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.