

Flex Tap Fiber Tap Designed for High-Density

The new, compact Net Optics Flex Tap™ delivers total traffic visibility for network monitoring and security devices. Place this slender Tap on critical network links with a universal rack mount that saves rack space and lowers your facilities and operations costs. The new High Density design of the Flex Tap lets you install up to 24 Taps in a one-rack unit panel. Flexible and scalable, each Tap is removable and 100 percent passive, enabling deployment of 1 to 24 taps in 1U. The multimode Tap uses OM4 fiber optics to support longer signal distances.

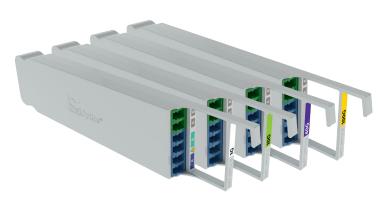
The all-optical design of the Tap is optimized and tested for high-performance fiber networks. Available for single mode and multimode fiber, and is also available with split ratios ranging from 50/50 up to 90/10.

Because it requires no power, the Flex Tap maintains permanent passive access ports without introducing a point of failure or disturbing other network connections. Passive Taps deliver around the clock full-duplex monitoring with zero impact on network traffic.

Also, without requirements for an IP address, monitoring devices are isolated from the network, which dramatically reduces their exposure to attacks. Yet, 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.

This versatile Tap makes full-duplex monitoring simple and secure with custom monitoring cables that send each side of the network link to a separate NIC on the monitoring tool. All Cable Kits are sold separately by Net Optics. The Flex Tap is compatible with all major manufacturers' monitoring devices, including protocol analyzers, probes, and intrusion detection systems.





At a Glance

- · High density design saves rack space, All-optical design, All split ratios available, 24 Taps in 1U
- Each model is tested and optimized for 1 Gigabit, 10 Gigabit, 40 Gigabit, or 100 Gigabit speeds
- · Available in Single mode and Multimode
- Requires no IP address to protect against attacks
- Compatible with all protocols and monitoring devices
- Multimode dual wavelength 850/1300 nm supports SR
- Single Mode dual wavelength 1310/1550 nm supports both LR and ER links
- Passes all full-duplex traffic (including errors) from all layers
- · Delivers total traffic visibility
- Non-disruptive and transparent
- · Quick, easy installation saves time with front-mounted connectors
- Color coded Duplex LC connectors make fiber core identification quick and easy
- · Requires no power

Specifications

Operating

Operating Temperature: 0° to 40°C Storage Temperature: -10° to 70°C

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

Mechanical

Tap Dimensions: 1.63" High x 7.82" Deep x 0.66" Wide Rack Dimensions: 1.74" High x 8.41" Deep x 19.0" Wide

Fiber Type

Multimode:

Core Size: 50/125µm; Wavelength: 850nm/1300nm Core Size: 62.5/125µm, Wavelength: 850/1300nm Single mode:

Core Size: 8.5/125µm; Wavelength: 1310nm/1550nm

Connectors:

Network Ports: (2) Duplex LC connectors Monitoring Port: (1) Duplex LC connector

Certifications:

Fully RoHS compliant Regulatory Certifications: UL, CE

Split Ratio Multimode

Split Ratio	Network Port Insertion Loss	Monitor Port Insertion Loss
50/50	4.5 dB	4.5 dB
60/40	3.1 dB	5.1 dB
70/30	2.4 dB	6.3 dB
80/20	1.8 dB	8.1 dB
90/10	1.3 dB	11 .5 dB

Split Ratio Single mode

Split Ratio	Network Port Insertion Loss	Monitor Port Insertion Loss
50/50	3.7 dB	3.7 dB
60/40	2.8 dB	4.8 dB
70/30	2.0 dB	6.1 dB
80/20	1.3 dB	8.0 dB
90/10	0.8 dB	12.0 dB

Part Numbers*

Multimode:		
TP-1-SX-50-zz	Flex Tap, Fiber, 1G, SX,50μm	
TP-1-SX-62-zz	Flex Tap, Fiber, 1G, SX,62.5µm	
TP-10-SR-50-zz	Flex Tap, Fiber, 10G, SR,50µm	
TP-10-SR-62-zz	Flex Tap, Fiber, 10G, SR,62.5µm	
Single Mode:		
TP-1-LX-85-zz	Flex Tap, Fiber, 1G, LX, 8.5µm	
TP-10-LR-85-zz	Flex Tap, Fiber, 10G, LR, 8.5µm	
TP-40-LR-85-zz	Flex Tap, Fiber, 40G, LR, 8.5µm	
TP-100-LR-85-zz	Flex Tap, Fiber, 100G, LR, 8.5µm	
RK-FLEX-24	Rack Mount	
	denotes the split ratio specification	

on "50"=50:50, "60"=60:40, "70"=70:30, "80"=80:20, "90"=90:10

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

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