



10 GigaBit Fiber Taps Multimode

Get total traffic visibility for monitoring and security devices by placing Net Optics 10 GigaBit Fiber Taps on critical network links. The new slim profile of the 10 GigaBit Fiber Tap saves rack space—install up to eight Taps in a one rack unit panel. The all-optical design of the 10 GigaBit Fiber Tap is optimized and tested for high-performance on 10 GigaBit fiber networks. Available for both singlemode and multimode fiber, 10 GigaBit Fiber Taps support passive monitoring of GigaBit links at speeds at 10,000 Mbps.

Requiring no power, the 10 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 10,000 Mbps without data stream interference or introducing a point of failure
- All-optical design is optimized and tested for 10 GigaBit fiber networks
- Fully compatible with 1 GigaBit fiber networks
- Permanent in-line installation without affecting network performance
- Passes all full-duplex traffic (including errors) from all layers for comprehensive troubleshooting
- Dual wavelegth 850/1300 nm supports both SR and LRM links
- Compatible with all protocols, including Ethernet, SONET, and SDH
- 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

5303 Betsy Ross Drive • Santa Clara, CA 95054

Tel: +1 (408) 737-7777 • www.netoptics.com



Technical Specifications:

Operating:

Operating Temperature: 0°C to 40°C

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

Non-Operating:

Storage Temperature: -20°C to 70°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 50 or 62.5/125µm

Dual wavelength 850nm 1300nm

Split Ratio	Network Port	Monitor Port
	Insertion Loss	Insertion Loss
90/10	1.3 dB	11.5 dB
80/20	1.8 dB	8.1 dB
70/30	2.4 dB	6.3 dB
60/40	3.1 dB	5.1 dB
50/50	4.5 dB	4.5 dB

Connectors:

Monitoring Port: (1) Duplex LC connector

Network Ports: (2) Duplex LC connectors

Certifications:

Safety: UL 60950, cUL 60950, CE, CB

Emissions and Immunity: FCC, EN, ICES - 003 Class A, FCC Part 15 Subpart B, ICES-003 Class A, VCCI V-3, EN 55022, CISPR 22 Edition 6, AS/NZS CISPR 22, EN 55024, CISPR 24

Environmental: RoHS, WEEE, Fully IEEE 802.3 compliant

Part Number	Description
TP-SRx-LCSLM*	10 GigaBit Fiber Tap, SR-MM, 850nm
TP-50SRx-LCSLM*	10 GigaBit Fiber Tap, SR-MM, 50µm 850nm
RK-8V2	Eight Slot Rack Mount Frame

* The variable "x" denotes the split ratio specification where "1" is 90:10, "2" is 80:20, "3" is 70:30, "4" is 60:40 and "5" is 50:50 respectively. All products include a 1 year manufacturer's warranty. 1 or 2 year Maintenance Plan options are available at time of product purchase.



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Requiring no power, the 10 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. All network and monitoring cables necessary for plug-and-play deployment are included.

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

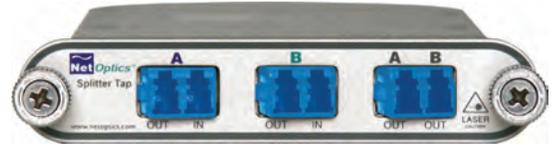
- Provides passive access at speeds at 10,000 Mbps without data stream interference or introducing a point of failure
- Compatible with 1310nm and 1550nm lasers
- Compatible with all protocols, including Ethernet, SONET, and SDH
- All-optical design is optimized and tested for 10 GigaBit fiber networks
- Fully compatible with 1 GigaBit fiber networks
- Permanent in-line installation without affecting network performance
- Passes all full-duplex traffic (including errors) from all layers for comprehensive troubleshooting
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Ease of Use

- Front-mounted connectors make installation and operation quick and easy
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► Technical Specifications:

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Operating Temperature: -40°C to 85°C

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

Non-Operating:

Storage Temperature: -20°C to 70°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 Singlemode 8.5/125µm, wavelength 1310/1550*nm

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

Connectors:

Monitoring Port: (1) Duplex LC connector

Network Ports: (2) Duplex LC connectors

Certifications:

Safety: UL 60950, cUL 60950, CE, CB

Emissions and Immunity: FCC, EN, ICES - 003 Class A, FCC Part 15 Subpart B, ICES-003 Class A, VCCI V-3, EN 55022, CISPR 22 Edition 6, AS/NZS CISPR 22, EN 55024, CISPR 24

Environmental: RoHS, WEEE, Fully IEEE 802.3 compliant

Part Number	Description
TP-LR5-LCSLM	10 GigaBit Fiber Tap, LR-SM, 1310nm, 50:50
TP-LR4-LCSLM	10 GigaBit Fiber Tap, LR-SM, 1310nm, 60:40
TP-LR3-LCSLM	10 GigaBit Fiber Tap, LR-SM, 1310nm, 70:30
TP-LR2-LCSLM	10 GigaBit Fiber Tap, LR-SM, 1310nm, 80:20
TP-LR1-LCSLM	10 GigaBit Fiber Tap, LR-SM, 1310nm, 90:10
RK-8V2	Eight-Slot Rack Mount Frame

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Environmental: RoHS, WEEE, Fully IEEE 802.3 compliant

Part Number	Description
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TP-LX4-LCSLM	GigaBit Fiber Tap, LX-SM, 1310nm, 60:40
TP-LX3-LCSLM	GigaBit Fiber Tap, LX-SM, 1310nm, 70:30
TP-LX2-LCSLM	GigaBit Fiber Tap, LX-SM, 1310nm, 80:20
TP-LX1-LCSLM	GigaBit Fiber Tap, LX-SM, 1310nm, 90:10
RK-8V2	Eight Slot Rack Mount Frame

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Environmental: RoHS, WEEE, Fully IEEE 802.3 compliant

Part Number	Description
TP-SXx-LCSLM*	GigaBit Fiber Tap, SX-MM
TP-50SXx-LCSLM*	GigaBit Fiber Tap, SX-MM, 50µm
RK-8V2	Eight Slot Rack Mount Frame

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