

# Flex Tap™ Secure+

## Highly Secure Fiber Tap

The Ixia *Flex Tap™ Secure+* provides an extra layer of security above that on Ixia's standard Flex Taps. Secure+ taps provide additional security by protecting the network from malicious or accidental traffic injection from the monitoring infrastructure and prevent disruption, while enabling continuous visibility of 100 percent of network traffic.

As with all of Ixia's Flex Taps, the Secure+ is flexible, supports speeds up to 100G, and is 100 percent passive. *Flex Tap™ Secure+* is available in single mode and with a 50/50 split ratio. The Secure+ is purpose-built (patent pending) to block any data injected on the monitor ports, ensuring that accidental or intentional light/data injection is not possible. The insertion loss for traffic injected in the monitor port is greater than -40dB.

With *Flex Tap™ Secure+*, users can implement up to 24 taps in a 1U rack space. The Secure+ is designed with the same form factor as Ixia's *LC-model Flex Taps* and can be deployed side by side with all existing Flex Taps from LC to BiDi to MTP models.



### Highlights

- Augments existing Flex Tap security by adding an extra layer of light-injection protection on the monitor ports
- Enables high density without losing modularity—up to 24 taps per 1U
- Deploys side by side with existing Flex Taps
- Leverages highly reliable fiber optic Tap technology
- Supports network speeds from 1G to 100G

## Key Features

- **Guaranteed Security**—Optical technology blocks all incoming data on the monitor ports, neutralizing all threats from affecting the network. >35dB isolation.
- **High Density**—Up to 24 fiber taps in 1U maximizes valuable data center real estate. Can be used with full size and mini Flex Tap chassis.
- **Mix and Match**—Uses Ixia's standard Flex Tap rackmount, enabling users to deploy a variety of Flex Taps without deploying a new rackmount
- **Fully Passive**—Monitoring infrastructure does not impact network availability and reduces operating cost without adding management overhead

## Specifications

Key Specifications	
<b>Operating</b>	<ul style="list-style-type: none"><li>• Operating Temperature: 0° to 40°C</li><li>• Storage Temperature: -10° to 70°C</li><li>• Relative Humidity: 10% min, 95% max, non-condensing</li></ul>
<b>Rack Mount Mechanical</b>	Rack Dimensions: 1.7" High x 8.4" Deep x 19" Wide
<b>Tap Mechanical</b>	1.6" High x 7.8" Deep x 0.7" Wide
<b>Fiber Specs</b>	9/125µm; 1310nm
<b>Connectors</b>	<ul style="list-style-type: none"><li>• Network Ports: 2 x Duplex LC</li><li>• Monitoring Ports: 1 x Duplex LC</li></ul>
<b>Certifications</b>	Fully RoHS-compliant
Insertion Loss (Network / Monitor)	
<b>1/10/40/100G SM</b>	50/50 Split Ratio: 3.7dB / 4.5dB. >35dB isolation loss on monitor ports (patent pending)

## Ordering Information

Part Number	Description
TPS-100-LR-85-50	Flex Tap Secure+, 1/10/40/100G, LR, 8.5um, 50/50
RK-FLEX-24	Rack Mount, 1U, up to 24 Taps
RK-FLEX-8	Rack Mount, 1U, up to 8 Taps (includes one spacer unit)
RK-FLEX-SPACER	Spacer Unit, size of LC Flex Taps
705-0014-001	Cable Kit, Cable Assembly, LC/LC, 1/10/40/100G, Single Mode, 8.5µm

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