



GigaBit Fiber Dual Span Regeneration Tap

Net Optics 8x1 GigaBit Dual Span Regeneration Taps solve the key physical layer challenges of access to scarce Spanning resources. For a complete picture of network health, these Taps connect up to eight different network management and security devices to your choice of network switches, enabling each device to monitor up to two independent Span sessions.

Keep your intrusion detection and prevention systems, protocol analyzers, RMON probes, and other security devices productive with a single Regeneration Tap. Maximize resources and save on access points when multiple devices can monitor link traffic simultaneously through a single Regeneration Tap.

When a Span session is connected into the Network A port, this data can be monitored simultaneously on all Monitor A ports. A second Span session can be monitored simultaneously on all Monitor B ports. The data on the Network A and Network B ports remains completely separate.

For extra uptime protection, Net Optics Taps offer redundant power connections. Should the primary power source fail, the Tap automatically switches to the backup power source.

Passive, Secure Technology

- Enables real-time, simultaneous monitoring of two GigaBit Span sessions, with up to eight monitoring devices each
- Supports monitoring of all traffic forwarded by network switch Span ports, including VLANs
- Redundant power ensures monitoring uptime
- Fully IEEE 802.3 compliant

Ease of Use

- LED indicators show redundant power and link status
- Front-mounted connectors support easy installation and operation
- Connectors are perfectly angled to reduce cable strain
- Silk-screened application diagram illustrates all connections for easy deployment
- Optional custom monitoring cables support easy full-duplex monitoring by sending each side of the signal to a separate monitoring device NIC
- Tested and compatible with all major manufacturers' monitoring devices, including protocol analyzers, probes, and intrusion detection/prevention systems



Technical Specifications

Operating:

Operating Temperature: 0°C to 55°C

Storage Temperature: -10°C to 70°C

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

Mechanical:

Redundant Power Supplies:

Input: 100-240VAC, 0.5A, 47-63Hz

Dimensions: 1.75" high x 10.5" deep x 17" wide

Fiber Optic Interface:

Laser: Class I, eye-safe, laser emitter type. These Class I Lasers conform to the applicable requirements per US 21 CFR (J) and EN 60825-1, also UL 1950 applications.

Optical Transmitter Wave Length: 850nm nominal

Output Power: -9.5 dB min, -4 dB max

Optical Receiver Input Sensitivity:

0 dB min, -17 dB max

Connectors:

Monitoring Ports: (8) Duplex SC connectors

Network Ports: (2) Duplex SC connectors

Certifications:

Fully RoHS compliant

Part Number	Description
RGND-SX-S8	8x1 GigaBit SX Span Regeneration Tap

*Also available in 4x1 and 2x1 models. All products include a 1 year Manufacturer's Warranty. An additional 1 or 2 year Extended Warranty may also be purchased.