



8x1 GigaBit Copper Span Port Regeneration Tap

Net Optics 8x1 GigaBit Copper 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.

A span session connected to the Network A port, 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 each 1000 Mbps span session, with up to eight monitoring devices
- Supports monitoring of all traffic forwarded by network switch span ports, including VLANs
- No IP address is needed for the Tap or monitoring device, enhancing monitoring security
- Redundant power ensures monitoring uptime

Ease of Use

- LED indicators show redundant power, speed, link, and activity status
- Front-mounted connectors support easy installation and operation
- Silk-screened application diagram illustrates all connections for easy deployment
- Tested and compatible with all major manufacturers' monitoring devices, including protocol analyzers, probes, and intrusion detection/prevention systems



Technical Specifications:

Operating Specifications:

Operating Temperature: 0°C to 55°C

Storage Temperature: -10°C to 70°C

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

Mechanical Specifications:

Redundant Power Supplies (2):

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

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

Cable Interface:

Copper Cable Type:

22-24 AWG unshielded twisted pair cable, CAT5E

Link Distance Supported: 100 meters

Connectors:

Monitoring Ports: (16) RJ45, 8 pin connectors

Network Ports: (2) RJ45, 8 pin connectors

Certifications:

Fully RoHS compliant

Part Number	Description
RGND-GCU-S8*	8x1 GigaBit Copper Span Regeneration Tap

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