



# Span Regeneration Tap

## 4x1 10/100BaseT

Net Optics 4x1 10/100BaseT 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 four 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. Secure, passive access for multiple devices simply means a better return on monitoring investments.

A span session connected to 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 10 or 100 Mbps span sessions, with up to four 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
- DIP switches select auto-negotiation or fixed speed and duplexing settings for the Tap
- Front-mounted connectors support easy installation and operation
- Tested and compatible with all major manufacturers' monitoring devices, including protocol analyzers, probes, and intrusion detection/prevention systems
- 19 inch rack-mountable



### Technical Specifications:

#### Operating:

Operating Temperature: 0°C to 40°C

Storage Temperature: -10°C to 70°C

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

#### Mechanical:

Redundant Power Supplies (2):

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

Dimensions: 1.75" high x 10.5" deep x 19" wide

#### Cable Interface:

Copper Cable Type:

22-24 AWG Unshielded twisted pair cable, CAT5/CAT5E

Link Distance Supported: 100 meters

#### Connectors:

Monitoring Ports: (8) RJ45, 8 pin connectors

Network Ports: (2) RJ45, 8 pin connectors

#### Certifications:

Fully RoHS compliant

Fully IEEE 802.3 compliant

Part Number	Description
RGND-CU-S4*	4x1 10/100BaseT Span Regeneration Tap

\*Also available in 2x1 and 8x1 models. All products include a 1 year manufacturer's warranty. An additional 1 or 2 year extended warranty may also be purchased.