



# Port Aggregator Tap 10/100BaseT Dual

Net Optics 10/100BaseT Dual Port Aggregator Taps are efficient, cost-effective Taps for one or two monitoring devices. Net Optics' pioneering technology enables the Dual Port Aggregator Taps to simultaneously monitor a full-duplex link with two devices — using only one network connection per device.

Many network Taps can monitor full-duplex traffic on a link, but require two half-duplex connections to the monitoring device. Net Optics Port Aggregator technology seamlessly combines these two streams, producing a single full-duplex data stream using first-in, first-out technology. The Dual Port Aggregator Tap regenerates this combined stream and makes it available on two separate passive monitoring ports.

Net Optics Dual Port Aggregator Tap is a simple plug-and-play solution. All network and monitoring cables necessary for plug-and-play deployment are included.

## Passive, Secure Technology

- Supports full-duplex monitoring with a single NIC, increasing monitoring efficiency
- Enables real time, simultaneous full-duplex monitoring of a single link with up to two monitoring devices.
- Two megabytes of memory prevents data loss during excessive traffic loads
- Provides complete full-duplex visibility at 10 or 100 Mbps without data stream interference or introducing a point of failure
- Unique Zero Delay™ technology every packet goes through without delay, even if power is lost to the Tap
- Compatible with Mid-Span Power over Ethernet (PoE) applications
- Passes all traffic (including errors) from all layers for comprehensive troubleshooting
- No IP address is needed for the Tap or monitoring device, enhancing monitoring security
- Redundant power ensures monitoring uptime
- Enables auto-negotiation, or fixed speed and duplexing settings

## Ease of Use

- Front-mounted network connectors for easy installation and operation
- LED indicators show redundant power, speed, link, and activity status
- Silk-screened application diagram illustrates all connections for easy deployment
- Optional 19-inch rack frames hold up to three Taps
- 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 40°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

Output: 12V 1.5A

DC Power Supply: Input: -48V DC @ 5Amps

DC Receptacle: Terminal peak, 12-14 gauge wire

Dimensions: 1.125" high x 9.125" deep x 4.5" wide

### Cable Interface:

#### Copper Cable Type:

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

Link Distance Supported: 100 meters

### Connectors:

Monitoring Ports: (2) RJ45, 8 pin connector

Network Ports: (2) RJ45, 8 pin connectors

### Certifications:

Fully RoHS compliant

Part Number	Description
PAD-CU*	10/100 Dual Port Aggregator Tap
PAD-CU-DC*	10/100 Dual Port Aggregator Tap -48V
RK-3V2	Three Slot Rack Mount Frame

\*Also available in Single Port model. All products include a 1 year manufacturer's warranty. An additional 1 or 2 year extended warranty may also be purchased.