

Ixia Net Optics 10/100/1Gb Copper Tap

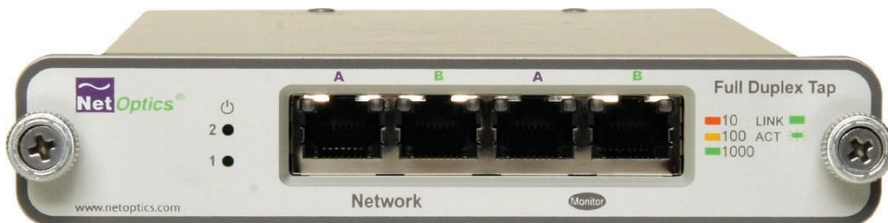


Get total traffic visibility for 10/100/1000 monitoring and security devices by placing Ixia Net Optics 10/100/1Gb Copper Taps on critical network links. 10/100/1Gb Copper Taps support passive monitoring of 10/100/1000 links at 10, 100, or 1000 Mbps. This tap is ideal when a passive tap is required for use with a variety of copper monitoring tools.

For superior reliability, the Net Optics 10/100/1Gb Copper Tap features link fault detect (LFD), which gives the devices connected to the tap critical information about link status. If either side of the bi-directional link fails, the tap immediately communicates the fault to both devices, reducing the time required to activate a redundant path.

Full-duplex monitoring is a snap when each side of the signal is sent to a separate NIC on the monitoring tools. All network and monitoring cables necessary for plug-and-play deployment are included with the tap. Without an IP address, monitoring devices are isolated from the network, dramatically reducing their exposure to attacks. However, the monitoring device connected to the tap still sees all full-duplex traffic as if it were in-line, including Layer 1 and Layer 2 errors.

For extra uptime protection, the Net Optics 10/100/1Gb Copper Tap offers redundant power connections. Should the primary power source fail, the tap automatically switches to the backup power source. All network and monitoring cables necessary for plug-and-play deployment are included.



Key Features

- Provides passive access at 10/100/1000Mbps speeds without data stream interference or introducing a point of failure
- Permanent in-line installation without affecting network performance
- Link fault detect prevents undetected link failures
- Passes all full-duplex 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
- LED indicators show redundant power, speed, link and data status
- DIP switches select auto-negotiation of fixed-speed and duplexing settings
- Front-mounted connectors make installation and operation quick and easy
- Optional 19-inch rack frames hold up to 3 or 12 taps
- Compatible with all major manufacturers' monitoring devices, including protocol analyzers, probes, and intrusion detection/prevention systems

Specifications	
Operating	<ul style="list-style-type: none"> Operating Temperature: 0°C to 40°C Relative Humidity: 10% min, 95%max, non-condensing
Non-Operating	<ul style="list-style-type: none"> Storage Temperature: -20°C to 70°C Relative Humidity: 10% min, 95%max, non-condensing
Mechanical	<ul style="list-style-type: none"> Dimensions: 1.1" high x 6.4" deep x 5.55" wide
Electrical	<ul style="list-style-type: none"> Fully compatible with Power over Ethernet (PoE) applications Power Consumption: 8W typical, 10W maximum Redundant Power Supplies: <ul style="list-style-type: none"> Input: 100-240VAC, 0.2A, 47-63Hz Output: 12VDC, 1.5A DC Power Input: -36 VDC to -72 VDC, 0.4A, -48 VDC typical
Cable Interface	<ul style="list-style-type: none"> Copper Cable Type: 22-24 AWG unshielded twisted pair cable, CAT5e Link Distance Supported: 100 meters
Connectors	<ul style="list-style-type: none"> Monitoring Ports: (2) RJ45, 8-pin connectors Network Ports: (2) RJ45, 8-pin connectors
Certifications	<ul style="list-style-type: none"> Safety: UL 60950, cUL 60950, CE, CB Emissions and Immunity: FCC, EN, ICES - 003 Class A Environmental: RoHS, WEEE, Fully IEEE 802.3 compliant

Product Ordering Information

TP-CU3

10/100/1000BaseT Tap

TP-CU3-DC

10/100/1000BaseT Tap -48VDC

RK-12V2

Twelve Slot Rack Mount Frame

RK-3V2

Three Slot Rack Mount Frame

All products include a 1 year manufacturer's warranty. An additional 1 or 2 year extended warranty may also be purchased.