

# Fiber Link Aggregator

## (4) GigaBit Fiber Links to (4) GigaBit SFP Monitor Ports

Net Optics In-line Fiber GigaBit Link Aggregator provides a comprehensive platform for monitoring multiple network links while leveraging monitoring tool resources. All available traffic from up to four Gigabit links (eight half-duplex data streams) is combined and visible to 4 Gigabit SFP based monitor ports. A pool of monitoring tools with differing functionality enables you to consolidate network performance, threat management, and VoIP analysis tasks into one easy to use device.

Installing monitoring tools on individual links decreases their reach and your ability to easily analyze traffic with differing tool sets. For this reason, the distribution of Link Aggregators across the organization ensures that both network and security IT staff can install the tools they need to do their jobs. The SFP based monitor ports allow you to use the copper or fiber based monitoring tools you already own. Simply connect the tool that you need to the Link Aggregator when and where you need it most. At least one SFP Monitor Port Kit is required when purchasing the Fiber Link Aggregator.

All network pairs feature fail-open technology to ensure the transparent flow of traffic in the event of power loss. For additional reliability, redundant power supplies are a standard feature.

### Passive, Secure Technology

- Supports full-duplex monitoring of four links, increasing monitoring efficiency
- Simultaneously monitor all traffic — using only one NIC per monitoring tool
- Provides complete full-duplex visibility at 1000 Mbps without datastream interference or introducing a point of failure
- Passes all traffic (including errors) from all layers for comprehensive troubleshooting
- No IP address needed for the Tap or monitoring tools, 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
- Tested and compatible with all major manufacturers' monitoring devices, including protocol analyzers, probes, network forensics and intrusion detection 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

DC Power Input: -48 VDC typical, -36 VDC min, -75 VDC max

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

#### Cable Interface:

##### Fiber Cable Type:

Corning Multimode 62.5/125µm, wavelength 850nm

Corning Singlemode 8.5/125um, wavelength 1310nm

Corning Multimode 50um, wavelength 850nm

#### Connectors:

**Monitoring Ports:** (4) SFP connectors ordered separately

**Network Ports:** (4) Duplex LC connector

#### Certifications:

Fully RoHS compliant

Fully IEEE 802.3 compliant

Part Number	Description
LA-IL4SX/4SFP	GigaBit SX to SFP multimode
LA-IL4LX/4SFP	GigaBit LX to SFP singlemode
LA-IL4LX/4SFP-DC	GigaBit LX to SFP singlemode -48VDC
LA-IL450SX/4SFP	GigaBit SX to SFP 50µm
SFPKT-SX*	GigaBit Fiber SX SFP with cable
SFPKT-50SX*	GigaBit Fiber SX SFP with cable 50µm
SFPKT-LX*	GigaBit Fiber LX SFP with cable
SFPKT-CU3*	Triple-speed Copper SFP with cable

\*Order a minimum of one or up to four SFPs with each Link Aggregator. All products include a 1 year manufacturer's warranty. An additional 1 or 2 year extended warranty may also be purchased.