



iLink Agg

(16) GigaBit Fiber Network Ports to (8) SFP Monitor Ports

Fully Configurable Port Mapping

With 24 ports in a 1U form-factor, Net Optics iLink Agg is the industry's highest port density 1 Gigabit link aggregator designed for monitoring applications. It enables a pool of monitoring tools to be applied to as many as 8 network links (using integrated in-line Taps) or 16 Span ports, with fully configurable port mapping. Aggregate traffic from some ports. Regenerate monitor streams to multiple ports. Switch links to tools in a 1-to-1 mapping. The iLink Agg supports any configuration—monitor ports can also be used as additional network ports, and you can even split a cable and use the RX fiber for a network connection and the TX fiber for a monitor connection, increasing the potential number of ports to 24 network plus 8 monitor.

Models are available supporting singlemode and multimode fiber on the network side, and SFP ports to support any interface types on monitoring tools. When required, data rate conversion between network ports and monitor ports is automatic.

Manage the iLink Agg locally or remotely. Management features include simple port mapping, SSH security, role-based access, SNMPv3, RADIUS and TACACS+ authentication and authorization, RMON traffic statistics, and remote software upgrades.

All of the integrated fiber Taps in the iLink Agg are fully passive, keeping traffic flowing even when the device is not powered. For additional reliability, the iLink Agg features hot-swappable redundant power supplies.

Passive, Secure Technology

- Increases monitoring efficiency by enabling tools to view the traffic on as many as eight network links and 8 Span ports simultaneously
- Eliminates resource contention by enabling 8 devices to monitor identical traffic at the same time
- Improves monitoring flexibility with fully configurable port mappings (any number of links to any number of tools)
- Provides complete visibility at 1 Gbps without interfering with the data stream and without introducing a point of failure
- Supports media type conversion with SFP transceiver modules on the monitor ports
- Enhances monitoring security because no IP address on the network is needed

Ease of Use

- Pre-loaded with common port mapping configurations
- LEDs indicate Link, Activity, and Power status
- High density 1U rack enclosure with slide rails
- Compatible with all Net Optics Taps and Bypass Switches
- Compatible with all major manufacturers' monitoring devices, including protocol analyzers, probes, firewalls, 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:

Dimensions: 1.75" high x 19" wide x 17" deep

Weight: 8.2 lbs (3.7 kg)

Electrical:

Hot-Swappable Redundant Power Supplies:

AC Input: 100-240V, 0.75A, 47-63Hz

DC Input: -48VDC nominal, -36 to -72VDC, 1.8A

Consumption: 70W (typical)

Connectors:

Monitoring Port: (8) SFP slots

Network Ports: (16) LC fiber

Management Ports: (1) RJ45 RS232 and (1) RJ45 10/100/1000

Performance:

No packets are dropped when the aggregated traffic to any monitor port does not exceed the monitor port bandwidth

Latency: 4.5µsec (1Gbps, 64-byte packet)

Management:

CLI local or SSH remote, SNMPv3, SNMPv2, SNMPv1, RADIUS, TACACS+, RMON, DHCP

Certifications:

Safety: UL, CE EMC: FCC, VCCI, C-Tick

Environmental: RoHS, WEEE, Fully IEEE 802.3 compliant

Part Number	Description
LA-2410 *	iLink Agg, (16) SX IL LC to (8) SFP, 62.5µm, 50/50
LA-2415 *	iLink Agg, (16) SX IL LC to (8) SFP, 50µm, 50/50
LA-2420 *	iLink Agg, (16) LX IL LC to (8) SFP, 8.5µm, 50/50
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	10/100/1000 Copper SFP with cable

All products include a 1 year manufacturer's warranty. Additional service plan options to extend warranty coverage are available for purchase; see the Service Plan for details.

* Add -DC to the part number for the -48V model

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