



iLink Agg LA-2410, LA-2415, LA-2420

(24) SFP 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 24 Span ports simultaneously
- Eliminates resource contention by enabling 24 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 all 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:

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)

Mechanical:

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

Weight: 10.6 lbs (4.8 kg)

Electrical:

Hot-Swappable Redundant Power Supplies:

AC Input: 96-264VAC, 47-63Hz, 1.18A @ 120VAC

DC Input: -48VDC nominal, -36 to -72VDC, 4.7A @ -48VDC

Consumption: 70W (typical)

Connectors:

Ports: (24) SFP slots

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

Management:

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

Operating:

Operating Temperature: 0°C to 40°C

Storage Temperature: -10°C to 70°C

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

Certifications:

Safety: UL, CE, CB, CSA

Emissions and Immunity: FCC, EN

Environmental: RoHS, WEEE, Fully IEEE 802.3 compliant

Part Number	Description
LA-2410*	iLink Agg, (16)SX IL LC to (8) SFP, 62.5um, 50/50
LA-2415*	iLink Agg, (16)SX IL LC to (8) SFP, 62.5um, 50/50
LA-2420*	iLink Agg, (16)SX IL LC to (8) SFP, 62.5um, 50/50
SFPKT-FX Kit,	Fiber, 100M, FX, SFP Transceiver, 1300nm, 62.5um, w/Cable
SFPKT-SX Kit,	Fiber, 1G, SX, SFP Transceiver, 850nm, 62.5um, w/Cable
SFPKT-50SX Kit,	Fiber, 1G, SX, SFP Transceiver, 850nm, 50um, w/Cable
SFPKT-LX Kit,	Fiber, 1G, LX, SFP Transceiver, 1310nm, 8.5um, w/Cable
SFPKT-CU3 Kit,	Copper, CU3, SFP Transceiver, w/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.