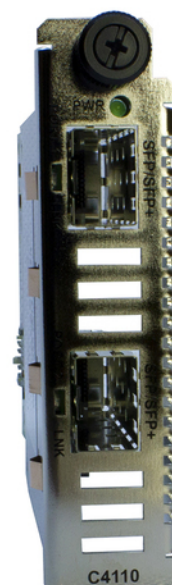


1 Gbps to 11.5 Gbps fiber repeater with two open SFP+ slots, any-rate to same-rate ION slide-in card media converter



Direct Attach Cables / Active Optical Cables

A simple to install, cost-effective and interoperable solution

Often used for data center short-reach interconnects, Direct Attach, Active Copper and Active Optical Cables are an indispensable part of any network.

Terminated with transceiver-style connectors, they are designed to be used in the same ports as a typical SFP+ or QSFP transceiver, with no need for adapters or converters. Our DAC and AOC cables offer compatibility with a huge range of vendors, enabling the connectivity you need within the Top of Rack and End of Row environments.

- 10G, 25G, 40G & 100G product solutions
- Seamless interoperability with network equipment
- Multi-code options enabling different OEM vendors at each end of the cable
- 4x breakout cables, 40G QSFP+ to 4x 10G SFP and 100G QSFP28 to 4x 25G SFP28
- Fast Delivery, Custom solutions
- Compatible with Over 90 Systems
- Savings of up to 70%



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1 Gbps to 11.5 Gbps fiber repeater with two open SFP+ slots, any-rate to same-rate ION slide-in card media converter

The C4110 is a fiber to fiber media converter module. It is protocol independent and supports data rates from 1Gbps to 11.5Gbps through two open SFP+ ports. This allows network managers to customize the C4110 with a pair of SFP+ modules to meet their network requirements. The open SFP+ port supports a wide variety of Lantronix 10Gbps SFP+ fiber modules. This any-rate to same-rate converter can be used to perform reliable and cost-effective single mode to multimode conversion or it can be used to provide wavelength conversion in CWDM applications. The ION C4110 is a manageable device when installed in a managed ION chassis.

Features

- Fiber to fiber repeater
- Remotely Managed when installed in a Managed ION Chassis
- Supports data rates from 1Gbps to 11.5Gbps
- Support Any-rate to Same-rate
- Protocol Transparent supports:
 - Ethernet: 10Gig LAN, 10Gig Wan, 1Gig LAN
 - Fiber Channel: 10, 8, 4, 2, 1Gig
 - SONET/SDN OC-192, OC-48
- SFP to SFP or SFP+ to SFP+
- Provides conversion between different types of fiber
- Supported transmission distance based on the SFP modules and type of fiber used
- Supports 3R (Reamplify, Reshape, and Retime) signal regeneration
- No frame size limitations
- Use as a fiber mode converter
- Use as a specific wavelength CWDM Transponder
- Also available as a stand-alone converter: S4110-4848

Technical Data

Standards

- IEEE 802.3ae
- ITU.G.709
- SFF8431
- Multi-sourcing Agreement (MSA)
- Small Form Factor Pluggable (SFP)

Ports

1 Gbps to 11.5 Gbps fiber repeater with two open SFP+ slots, any-rate to same-rate ION slide-in card media converter

- PWR On = Power
- Port 1 Link/Act: On = Link, Flashing = Network Traffic
- Port 2 Link/Act: On = Link, Flashing = Network Traffic

Data Rate

- Protocol Independent, 1 Gbps to 11.5 Gbps

Dip Switch

- Only 4 of the 8 Dip Switches are used to select the operational data rate, see the user guide for the supported dip switch configurations

Dimensions

- Width: 0.86" [22 mm]
- Depth: 6.5" [165 mm]
- Height: 3.4" [86 mm]

Power Consumption

- 4.2 Watts

Environment

- Environment specs are dependent on the chassis chosen
- Operating: 0°C to 50°C
- Humidity: 5% to 95% (non-condensing)
- Altitude: 0 – 10,000 ft.

Weight

- 1 lb. [0.45 kg]

MTBF

- Greater than 250,000 hours (MIL-HDBK-217F)
- Greater than 687,000 hours (Bellcore)

Certifications

1 Gbps to 11.5 Gbps fiber repeater with two open SFP+ slots, any-rate to same-rate ION slide-in card media converter

- FCC Class A, CE Mark, EN55022 Class A, EN55024

Warranty

- Lifetime

Product variants & accessories

| Art.-No. | Description |
|------------|--|
| C4110-4848 | 1 Gbps to 11.5 Gbps fiber repeater with two open SFP+ slots, any-rate to same-rate ION slide-in card media converter |