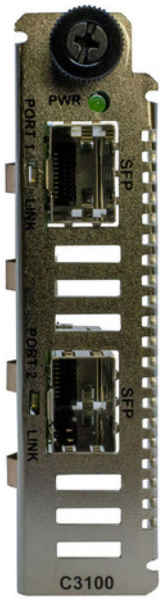
100Mbps to 2.5Gbps fiber repeater with two open SFP slots, any-rate to same-rate. ION Chassis Card media converter





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

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- Multi-code options enabling different OEM vendors at each end of the cable
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100Mbps to 2.5Gbps fiber repeater with two open SFP slots, any-rate to same-rate. ION Chassis Card media converter

The ION C3100 is a fiber to fiber media converter module. It is protocol independent and supports data rates from 100Mbps to 2.5Gbps through two open SFP slots. This any-rate to same-rate converter can be used to perform reliable and cost-effective single mode to multimode fiber conversion or it can be used to provide wavelength conversion in CWDM applications. The ION C3100 is a manageable device when installed in a managed ION chassis.

Features

- Protocol Transparent
- Supports data rates from 100Mbps to 2.5Gbps
- Any-rate to same-rate conversion
- SFP to SFP Fiber Repeater
- Specific wavelength CWDM Transponder
- Supported protocols: Fast Ethernet, Gigabit Ethernet, SONET (OC-3/12/48), 1 & 2 Gig Fiber Channel, 2.5G InfiniBand, FDDI, ESCON/SBCON
- DMI, Digital diagnostics statistics available through ION Management Module
- Link Pass Through
- Automatic Link Restoration

Technical Data

Standards

- Multi-Source Agreement (MSA)
- Small Form Factor Pluggable (SFP)

Data Rate

- Protocol Independent
- 100 Mbps to 2.5 Gbps

Max Frame Size

- 16384 bytes Jumbo Frames Supported

Status LEDs

- PWR ON (Green) = Power
- Port 1 Link ON = Fiber Signal Detected

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100Mbps to 2.5Gbps fiber repeater with two open SFP slots, any-rate to same-rate. ION Chassis Card media converter

- Port 2 Link ON = Fiber Signal Detected

Dimensions

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

Power Consumption

- 2-3 Watts, based on the SFP modules used

Power Supply

- External AC/DC required: 12VDC

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

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

Warranty

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100Mbps to 2.5Gbps fiber repeater with two open SFP slots, any-rate to same-rate. ION Chassis Card media converter

- Lifetime

Product variants & accessories

Art.-No.	Description
C3100-4040	100Mbps to 2.5Gbps fiber repeater with two open SFP slots, any-rate to same-rate. ION Chassis Card media converter

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