ION Fiber to Fiber Media Converter Module

SFP to SFP for Data Rates from 100Mbps to 2.5 Gbps

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.

Ordering Information

C3100-4040
  100Mbps to 2.5Gbps fiber repeater with two open SFP slots, any-rate to same-rate. ION Chassis Card media converter

Optional Accessories (sold separately)

SFP Modules

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

Specifications

Standards	Multi-Source Agreement (MSA) Small Form Factor Pluggable (SFP)
Data Rates	Protocol Independent 100Mbps 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 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	Lifetime