

Stand-alone Fiber to Fiber Media Converter SFP to SFP for Data Rates from 100Mbps to 2.5Gbps

The ION S3100 is a stand-alone fiber to fiber media converter. 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.



S3100-4040

Key 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
- Link Pass Through
- Automatic Link Restoration

Specifications

| | |
|-------------------|--|
| Standards | Multi-Source Agreement (MSA) Small Form Factor Pluggable (SFP) |
| Data Rates | Protocol Independent 100Mbps to 2.5Gbps |
| 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: 3.25" [82 mm] Depth: 6.5" [165 mm] Height: 1" [25 mm] |
| Power Consumption | 2-3 Watts (based on the SFP modules used) |
| Power Supply | External AC/DC required: 12VDC Output; 120-240VAC input |
| Environment | Operating: 0°C to 50°C Storage: -40°C to 85°C Humidity: 5% to 95% (non-condensing) Altitude: 0 – 10,000 ft. |
| Weight | 2 lbs. [0.90 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 |

Ordering Information

S3100-4040

100Mbps to 2.5Gbps fiber repeater with two open SFP slots, any-rate to same-rate stand-alone media converter

Optional Accessories (sold separately)

SFP Modules

SFP and SFP+ modules supported

Mounting Options (sold separately)

WMBL

Wall Mount Bracket 4" [102 mm]

WMBD

DIN Rail Bracket 5" [127 mm]

E-MCR-05

12-Slot Media Converter Rack

RMS19-SA4-02

4-Slot Media Converter Shelf

Power Supply Included

To order the corresponding country specific power supply, add the extension from the list below to the end of the SKU; Ex: S3100-4040-**NA**

-NA = Country Code

| | |
|---------------------|----------------------|
| -NA = North America | -LA = Latin America |
| -EU = Europe | -UK = United Kingdom |
| -SA = South Africa | -JP = Japan |
| -OZ = Australia | -BR = Brazil |