LANTRONIX®

S3100-4040

Media Converters

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	100Mbps to 2.5Gbps Data Rates Protocol Independent
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	1.05W + SFP modules
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, NDAA Compliant, TAA Compliant
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

Learn more at lantronix.com/s3100