

S4110-4848

10Gig Protocol Independent Fiber to Fiber Repeater



The S4110-4848 is a 10Gbps protocol independent media converter with two pluggable SFP+ ports. Each port can support data rates from 1Gbps up to 11.5Gbps allowing network designers to customize the S4110 with a pair of SFP modules from Transition Networks' wide SFP product offering, to meet their network requirements. The S4110-4848 can be used as an any-rate to same-rate fiber mode converter, as well as a WDM transponder.

Features

- Fiber to fiber repeater
- Supports data rates from 1Gbps to 11.5Gbps
- Support Any-rate to Same-rate
- Protocol Transparent, supports:
 - o Ethernet: 10Gig LAN, 10Gig Wan, 1Gig LAN
 - o Fiber Channel: 10, 8, 4, 2, 1Gig
 - o 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 fiber type used
- Supports 3R (Re-amplify, Re-shape, and Re-time) signal regeneration
- No frame size limitations
- Use as a fiber mode converter
- Use as a specific wavelength CWDM Transponder
- Link Pass Through
- Auto Link Restore
- Also available as an ION slide-in card

Specifications

Standards	IEEE 802.3ae, ITU.G.709 SFF8431 Multi-sourcing Agreement (MSA) Small Form Factor Pluggable (SFP)
Data Rate	Protocol Independent, 1Gbps to 11.5Gbps
TDM Port (T1)	PWR On = Power Port 1 Link/Act On = Link Flashing = Network Traffic Port 2 Link/Act On = Link Flashing = Network Traffic
Dip Switches	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: 3.25" [82mm] Depth: 6.5" [165mm] Height: 1.0" [25mm]
Power	External AC/DC power supply, Universal AC input, 12VDC 1.5A output
Environment	Operating Temp: 0 – 50 degrees C Storage Temp: -40 to +85 degrees C Operating Humidity: 5% to 95% (non condensing) Altitude: 0 – 10,000 feet
Shipping Weight	2 lbs.
MTBF w/Power Supply	Greater than 41,660 hours (MIL-HDBK-217F) Greater than 114,580 hours (Bellcore)
MTBF w/o Power Supply	Greater than 250,000 hours (MIL-HDBK-217F) Greater than 687,000 hours (Bellcore)
Regulatory Compliance	FCC Class A; CE Mark, EN55022 Class A EN55024Warranty
Waranty	Lifetime

Ordering Information

S4110-4848

1 Gbps to 11.5Gbps fiber repeater with two open SFP+ slots, any rate to same rate stand-alone media converter

Optional Accessories (sold separately)

SFP Modules

Choose from a wide variety of SFP and SFP+ modules offered by Transition Networks

Mounting Options:

WMBL

Wall Mount Bracket 4.0" [102mm]

WMBD

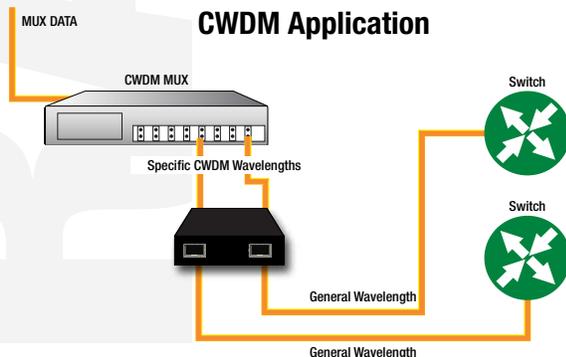
Din Rail Bracket 5.0" [127mm]

E-MCR-05

12 Slot Media Converter Rack

RMS19-SA4-01

4 Slot Media Converter Shelf



Single Mode to Multimode Application

