

100G QSFP28 To 4x25G SFP28 Transponder Service Board FW6100G25

100G QSFP28 To 4x25G SFP28 Transponder service board is a product developed by FIBERWDM for 103.125Gbit/s to 111.81Gbit/s optical fiber links, which can be converted into 4x25G DWDM standard wavelength optical signals on the 4-route-side roadside, and can be used with DWDM multiplexer/demultiplexer to realize wavelength division multiplexing transmission and realize 1 pair of optical fiber multiplexing 100G transmission solution.

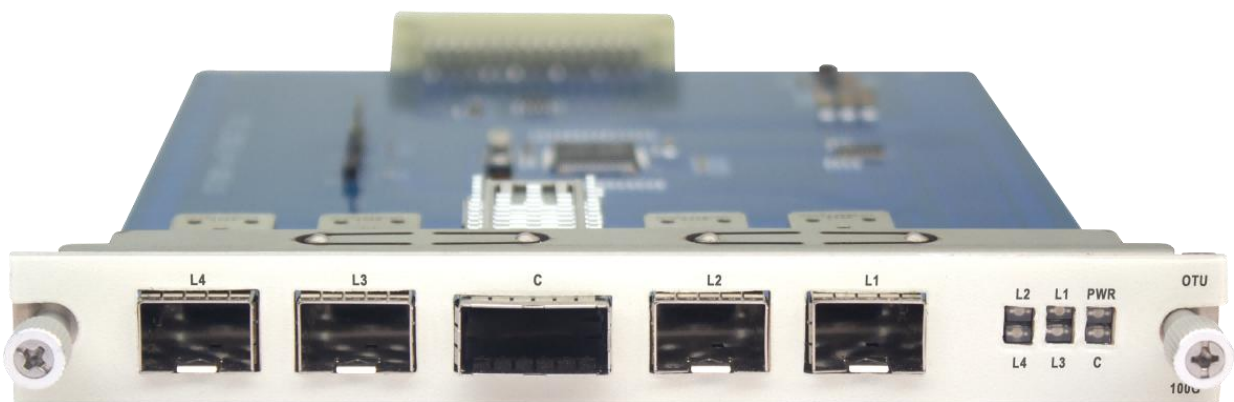


Figure 1: 100G Transponder Service Board

Product Features

- ◆ Supports DWDM transmission and wavelength conversion.
- ◆ Single board supports 1 channel of bidirectional business access ranging from 103.125Gbit/s to 111.81Gbit/s.
- ◆ Supports multiple client-side business access types: 100GBASE-SR4/CWDM4/LR4/PSM4.
- ◆ Supports automatic shut-off of transmission function.
- ◆ Transparent transmission of business data.
- ◆ Hot-swappable support.
- ◆ Supports FEC functionality, optimizing output and enabling DDM signal monitoring, as well as link detection (no transmission when no receiving

light).

- ◆ Supports SNMP-based unified network management platform with management interfaces including CLI (telnet and console), Web, and NetView (graphical interface).

Product Specifications

System Parameters		Technical Specifications
Maximum Capacity		100G<=> 4X25G DWDM
Wavelength Range		DWDM: 1529.16nm ~ 1567.14nm
Business Access Type		100GE、OTU4
Interface		Client: 1xQSFP28 Line side: 4xSFP28
Board Dimensions		156 (W) × 20 (H) × 225 (D) (mm)
Environmental Requirements	Operating Temperature	-10°C ~ 50°C
	Storage Temperature	-40°C ~ 80°C
	Relative Humidity	5% ~ 95% non-condensing
Safety and EMC		Compliance with FCC, UL, CE, TUV, CSA standards
Power Consumption		<13W

Ordering Information

Part No.	Specifications
FW6100G25	100G Muxponder Card 4*25Gbit/s TO 100Gbit/s Transponder(OEO) Card,,4*SFP28 TO 1*QSFP28 used in FW6600 series take one slot