

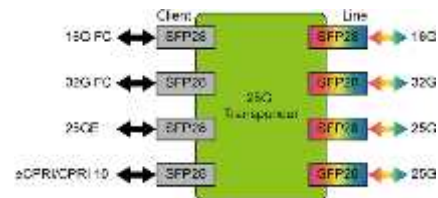
# DWDM 25G Transponder

4x25G 4x25G

1 Slots

## Overview

The 25G Transponder service card launched by Sintai Communication supports four types of service access with 16 to 32G rates. Its main function is to finish the 3R re-generating, re-shaping and retiming of any 4-channel signals under any protocol within the rate of 25 Gbit/s to be accessed, and then convert them to optical signals of a standard DWDM wavelength or standard CWDM wavelength, so that the multiplexing unit can conduct WDM for optical signals of different wavelengths and also achieve the inverse process of the above process. It's applicable to the wavelength division transmission solution for 25G rate services, and compatible with 16G or 32G FC.



## Product Specification

### Interface

Client side interface: 4 ports, hot-pluggable based on SFP28

Line side interface: 4 ports, hot-pluggable based on SFP28

### Line mode

Supports transparent transmission of any type of service in four 16G~32G rate ranges, and converts four service optical signals into four WDM standard wavelength optical signals.

### Relay mode

Support 16G~32G wavelength electrical relay

### WDM technology

- Support CWDM: 18 waves
- Support DWDM: C band 50GHz 80 waves

### Network management

- Support real-time monitoring of the port working state, including transmitting optical power and receiving optical power, temperature, etc.
- Support port loopback and port shutdown

### Support service type

- 25GE ● ECPRI, CPRI 10
- 16G FC (compatible 32G)

### Occupied slot number

Support OTNS8600 series chassis, occupy 1 slot

### Adaptive

16~32G rate adaptive, configuration free

### Power consumption

16W maximum (including the optical transceiver)

### MTBF

>100000 hours

