

# DWDM 100G Transponder In-Coherent

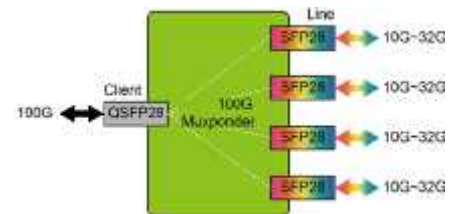
1x100G 4x25G

1 Slots

## Overview

The 100G Transponder\_In-coherent service card launched by Sintai Communications supports 1x100G 4x25G or 1x40G 4x10G electrical layer multiplexing / demultiplexing, and transforms the multiplexed / demultiplexed optical signals into WDM standard wavelength optical signals.

It can facilitate the wavelength division multiplexing of the optical signals of different wavelengths by mux unit, and simultaneously implementing the inverse process of the above process, suitable for 10G~25G forward multiplexing or 100G/40G inverse multiplexing wavelength division short-distance transmission solution.



## Product Specification

### Interface

Client side interface: 1 port, hot-pluggable based on QSFP28, compatible with QSFP+  
Line side interface: 4 ports, hot-pluggable based on SFP28, compatible with SFP+

### Line mode

Supports 1x100G/40G service optical signal demultiplexed into 4x25G / 4x10G rate WDM standard wavelength optical signals

### 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

- 100GE ● 40GE
- OTU4 ● OTU3

### Occupied slot number

Support OTNS8600 series chassis, occupy 1 slot

### Power consumption

13W maximum (including the optical transceiver)

### MTBF

> 100000 hours

