

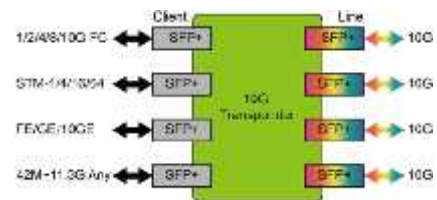
DWDM 10G Transponder

4/5x10G 4/5x10G

1 Slots

Overview

The 10G Transponder service card launched by Sintai Communication supports four types of service access with 42M~11.3G rates, its main function is to finish the 3R regeneration of any 4/5-channel signals under any protocol within the rate of 1.25 Gbit/s~11.3 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 any access of services with the rate of 11.3G or below.



Product Specification

Interface

Client side interface: 4/5 ports, hot-pluggable based on SFP+, compatible with SFP
 Line side interface: 4/5 ports, hot-pluggable based on SFP+, compatible with SFP

Line mode

Supports transparent transmission of any type of service in four 42M~11.3G rate ranges, and converts four service optical signals into four WDM standard wavelength optical signals.

Relay mode

Support 42M~11.3G 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

- GE, 10GE ● 1/2/4/8/10G FC
- STM-16/64 ● CPRI-2/3/6/7

Occupied slot number

Support OTNS8600 series chassis, occupy 1 slot

Power consumption

16W maximum (including the optical transceiver)

MTBF

>100000 hours

