

DWDM 100G Transponder Coherent

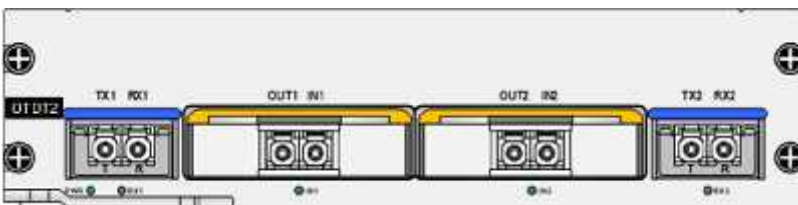
2x100G 2x100G

2 Slots

Overview

The 2x100G Transponder Coherent service card launched by Sintai Communication supports two 100G service access, adopts advanced technologies such as PDM-QPSK modulation and coherent reception, and overcomes the OSNR requirements, CD tolerance, and PMD tolerance of high-speed transmission systems.

And the nonlinear physical effects of transmission, such as 100G service 1200 km or more of non-electrical relay transmission, and the line-side interface supports C-band 96-wave (50 GHz) adjustable.



Product Specification

Interface

Client side interface: 2 ports, hot-pluggable based on QSFP28

Line side interface: 2 ports, hot-pluggable based on CFP2, coherent PDM-QPSK

Line mode

Support 2x100G service transmissions, transform 2x100G service optical signals into 2x100G DWDM standard wavelength optical signal

Relay mode

Support 100G wavelength electrical relay

WDM technology

Support DWDM: C band 50GHz 96 wavelengths adjustable

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, 100GE-FEC
- OTU4

FEC technology

Support SDFEC

Occupied slot number

Support OTNS8600 series chassis, occupy 2 slots

Power consumption

65W maximum (including the optical transceiver)

MTBF

>100000 hours

