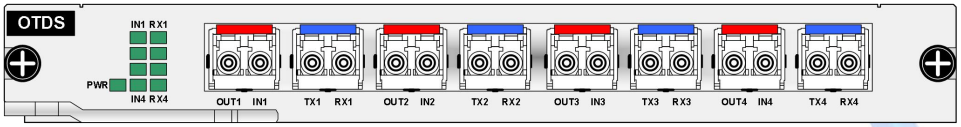
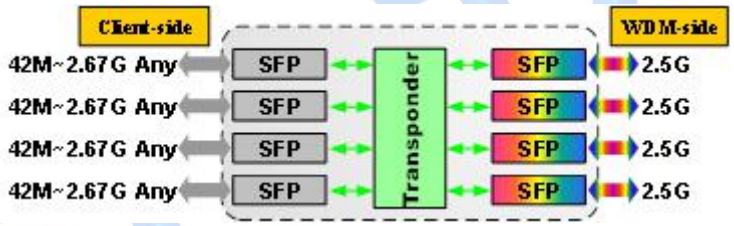
OTDS:4x2.5G Any service access card

OTDS is a 4-channel 2.5G service access card launched by Sintai Communication Co.,Ltd. ;its main function is to finish the 3R regeneration of any 4-channel signals under any protocol within the rate of 42Mbit/s~2.67Gbit/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 low-cost wavelength division transmission solution for any access of services with the rate of 2.5G or below.

Product diagram



Functional structure



Product specification

Product Model	**OTDS**
Basic function	● Support bidirectional transmission of 4-channel services with any rate of 42Mbit/s~2.67Gbit/s ● Support unidirectional transmission of 8-channel services with any rate of 42Mbit/s~2.67Gbit/s
Access service type	● FE, GE, STM-1/4/16/ ● FC 1G/2G, FICON, FICON Express, ESCON ● CPRI:614.4Mbit/s, 1.23/2.46Gbit/s
Occupied slot number	Occupy 1 slot, applicable to the platform of the whole OTNS 8600 series
WDM technology	Support DWDM: C Band, 100GHz or 50GHz Support CWDM: 1271nm~1611nm
Network management function	● Support real time monitoring for port working state, including: transmitting optical power, receiving optical power, temperature, etc

	● Support the self adaptation of the working rate
interface	It supports 8 pluggable optical port SFP, and the electrical interface SFP can be configured when the electrical interface service is accessed
Typical power consumption	15 W
MTBF	> 100000 hours