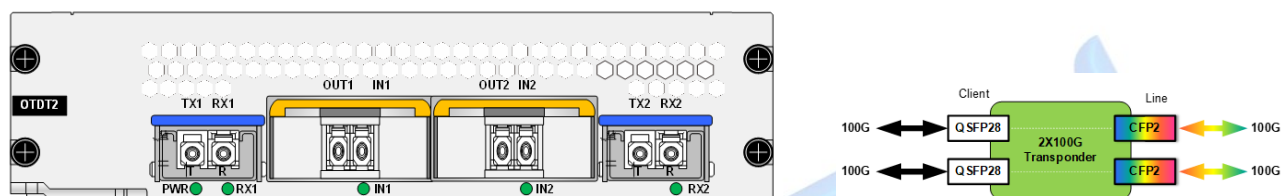# OTDT2: 2x100G Transponder

The 2*100G OTU Service Board launched by Sintai Communication supports two 100G service accesses and converts them into two 100G rate WDM standard wavelength optical signals, so as to facilitate the WDM multiplexing of different wavelength optical signals by the combining unit, and at the same time, realise the inverse process of the above mentioned process. The line side adopts pluggable CFP2 DCO to achieve ultra-long distance transmission based on coherent detection and other advanced technologies.

Product specifications

Parameter	Description
Product model	OTDT2
Line side	2 CFP2 optical ports: using 100G/200G CFP2-DCO modules, pluggable - Support wavelength adjustable, range covering 191.35~196.1 THz - Support adjustable light-emitting power (optional) - Support single-fibre bidirectional transmission (optional)
Client side	2 QSFP28 optical ports pluggable
Supported service types	100GE, 100GE_RS-FEC - OTU4 (optional)
Loopback	Support line-side and customer-side loopbacks
ALS	Supports automatic switching off and on of the laser according to the optical signal input
Performance monitoring	- Support optical signal-to-noise ratio, pre-correction BER, non-correctable BER block, dispersion compensation, differential group delay and other performance monitoring - Support optical module temperature, current, voltage, optical power and other performance monitoring - Supports OTU layer and Ethernet layer performance monitoring
Number of slots occupied	Supports all OTNS8600 series chassis, occupies 2 slots
Maximum power consumption	65W (with optical module)