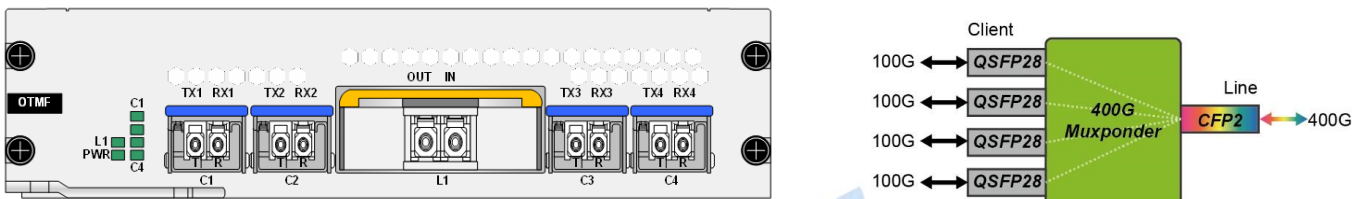# OTMF: 400G Muxponder

The 400G Muxponder service access board from Sintai Communication supports 4x100G↔400G electrical layer multiplexing/demultiplexing and converts to 1 x 400G rate WDM standard wavelength optical signal to facilitate WDM of different wavelengths in the combining unit, and to realize the inverse process of the above process. The line side adopts pluggable CFP2-DCO, based on coherent detection and other advanced technologies to achieve ultra-long distance transmission, and support 400G, 200G rates.

Product specifications

Parameter	Description
Product model	OTMF
Line side	1 CFP2 optical port: using 400G CFP2-DCO module, pluggable - Support wavelength adjustable, range covering 191.35~196.1 THz - Support adjustable light-emitting power - Support 100G/200G/400G programmable - Support single-fibre bidirectional transmission (optional)
Client side	4 QSFP28 optical ports pluggable
Supported service types	100GE, 100GE_RS-FEC, OTU4
Latency measurement	Support line-side online delay measurement based on ODU layer
Loopback	Support line-side and customer-side loopbacks
LLDP	100GE, 100GE_RS-FEC service support
ALS	Support automatic switching off and on of the laser according to the optical signal input
Alarm delayed insertion	Support Local Fault alarm delayed insertion and delay time setting
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 - Support OTU layer and Ethernet layer performance monitoring
Number of slots occupied	Supports all OTNS8600 series chassis, occupies 2 slots
Maximum power consumption	60W (with optical module)