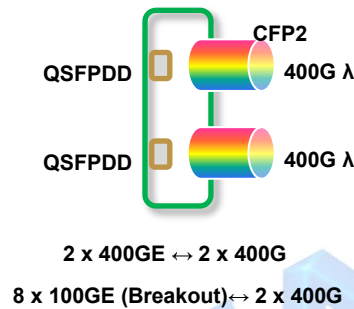# 2*400G Muxponder Service Card: P626

The 2*400G Muxponder service card (P626) launched by Sintai Communication supports mapping 2x400G signals received on the customer side into 2 OTUC4 signals and interconverting the OTUC4 signals with WDM wavelength optical signals compliant with ITU-T standards. The line side adopts pluggable CFP2 DCO to realize ultra-long distance transmission based on coherent detection and other advanced technologies.

Product view

Function structure

2 x 400GE ↔ 2 x 400G

8 x 100GE (Breakout)↔ 2 x 400G

Application case

- Suitable for metro and long-haul network transmission up to 600km
- Suitable for high-capacity DCI network transmission for enterprises, campuses, cloud computing, etc.
- Suitable for 400G links in existing OTN/DWDM infrastructures

2*400G Muxponder (P626)	
Function	Support 2x400GE/8x100GE(breakout) service signals mapping to 2 OTUC4 signal
Slot number	1
Line side	2 CFP2 optical ports: adopts 400G CFP2-DCO module, hot-pluggable - Support wavelength adjustable, range covers 191.35~196.1 THz - Support adjustable light-emitting power - Support single fiber bidirectional transmission (optional)
Client side	Support 2 QSFP-DD modules, hot-pluggable
OTN function	- Frame format and overhead handling using ITU-T G709 recommendations - ODUk（k=4, C4）layer support PM and other functions - OTUk（k=C4）layer support SM functions
Support services	400GE, 100GE(Breakout)
Time delay measurement	Support line-side online delay measurement based on ODU layer
Loopback	Support line side and client-side loopbacks
LLDP	Receive-only (rxonly) mode
ALS	Support
Alarm delay insertion	Support Local Fault alarm delay insertion and delay time setting

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Page 1