

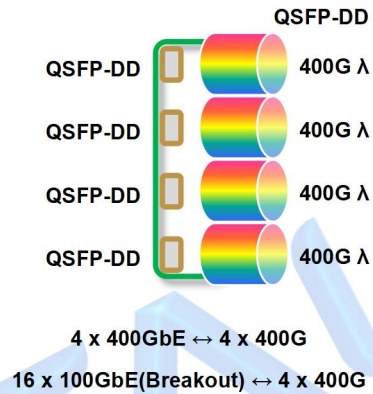
P646: 4*400G Muxponder(QSFP-DD)

The 4*400G Muxponder service board(P646) launched by Sintai Communication provides four 400G independent transmission channels and supports a maximum transmission capacity of 1.6Tbps. The client-side is compatible with 100GbE and 400GbE services. The line-side uses standard 400G QSFP-DD pluggable coherent optical modules, providing a large-capacity, high-performance, cost-effective optical transmission solution.

Product view



Functional structure



Application scenario

- Suitable for metropolitan area networks and long-distance network transmission up to 450km
- Suitable for large-capacity DCI network transmission in enterprises, campuses, cloud computing, etc.
- 400G links for existing OTN /DWDM infrastructure

Product specifications

4*400G Muxponder(P646)	
Occupied slot	1 slot
Line-side	<ul style="list-style-type: none"> ● 4 QSFP-DD optical ports: 400G QSFP-DD DCO modules, pluggable ● Extended C-band, supports Flexible Grid, 6.25GHz slice ● Support adjustable light-emitting power, the range depends on the optical module
Client-side	4 QSFP-DD optical ports are pluggable
Supported service types	400GbE, 100GbE(Breakout)
Loopback	Support inner loop and outer loop on line-side and client-side
LLDP	Receive mode only
ALS	Client-side support
Alarm delay insertion	Support Local Fault alarm delay insertion function and delay time setting
Alarm and performance monitoring	<ul style="list-style-type: none"> ● Support line-side and client-side performance monitoring and alarm monitoring ● Support Ethernet RMON monitoring ● Support monitoring of optical module temperature, current, optical power, etc. ● Support Telemetry
Typical power consumption	<130W