

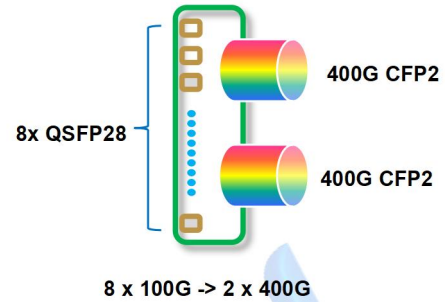
## P624: 2\*400G Muxponder(CFP2)

The 2\*400G Muxponder service board(P624) launched by Sintai Communication provides two 400G independent transmission channels and supports a maximum transmission capacity of 800Gbps. The client-side is compatible with 100GbE and OTU4 services. The line-side uses standard 400G CFP2 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 network and long-distance network transmission up to 600km
- Suitable for large-capacity DCI network transmission in enterprises, campuses, cloud computing, etc.
- 400G links for existing OTN /DWDM infrastructure

### Product specifications

2*400G Muxponder(P624)	
<b>Occupied slot</b>	2 slots
<b>Line-side</b>	<ul style="list-style-type: none"> <li>● 2 CFP2 optical ports: 400G CFP2-DCO module, pluggable</li> <li>● Extended C-band/ultra-wide C-band, supports Flexible Grid, 6.25GHz slice</li> <li>● Support adjustable light-emitting power, the range depends on the optical module</li> <li>● Support 100G ~ 400G programmable</li> <li>● Support single-fiber bidirectional transmission(optional)</li> </ul>
<b>Client-side</b>	Support 8 QSFP28 modules hot-swappable
<b>Supported service types</b>	<ul style="list-style-type: none"> <li>● 100GbE, 100GbE FlexE(Unware), OTU4</li> <li>● Supports 100GbE/OTU4 hybrid transmission(optional)</li> </ul>
<b>Latency measurement</b>	Support online delay measurement based on ODU layer on the line-side
<b>Loopback</b>	Support inner loop and outer loop on line-side and client-side
<b>LLDP</b>	Receive mode only(when the service type is Ethernet)
<b>ALS</b>	Client-side support(when the service type is Ethernet)
<b>Alarm delay insertion</b>	Support Local Fault alarm delay insertion function and delay time setting
<b>Alarm and performance monitoring</b>	<ul style="list-style-type: none"> <li>● Support line-side and client-side performance monitoring and alarm monitoring</li> <li>● Support Ethernet RMON monitoring</li> <li>● Support monitoring of optical module temperature, current, optical power, etc.</li> <li>● Support Telemetry</li> </ul>
<b>Typical power consumption</b>	< 124W