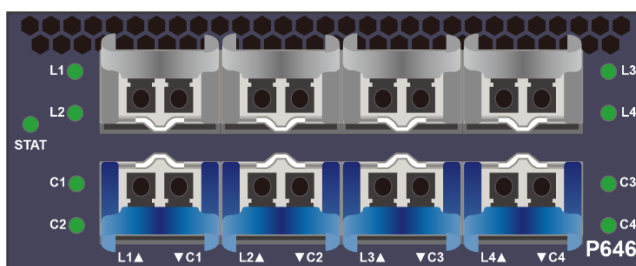


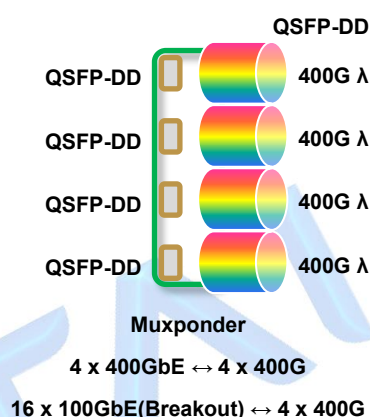
P646: 4*400G Muxponder(QSFP-DD)

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: 4 00G QSFP-DD DCO modules, pluggable ● Support adjustable wavelength, range covering 191.35~196.1THz ● 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 |