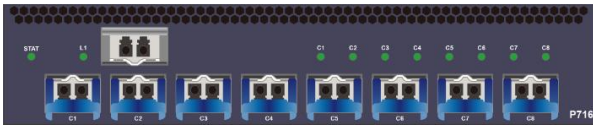


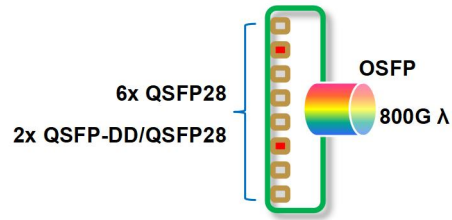
P716: 800G Muxponder(OSFP)

The 800G Muxponder service board(P716) launched by Sintai Communication carries multiple 100GbE and 400GbE services through one 800G wavelength and supports line rates from 400Gbit/s to 800Gbit/s. The line-side uses standard 800G OSFP pluggable coherent optical modules to provide a large-capacity, high-performance, cost-effective optical transmission solution.

Product view



Functional structure



8 x 100GbE ↔ 1 x 800G

2 x 400GbE ↔ 1 x 800G

4 x 100GbE + 1 x 400GbE ↔ 1 x 800G

Application scenario

- Suitable for metropolitan area network and long-distance network transmission up to 450km
- Suitable for large-capacity DCI network transmission in enterprises, campuses, cloud computing, etc.
- 800G links for existing OTN /DWDM infrastructure

Product specifications

| 800G Muxponder(P716) | |
|----------------------------------|---|
| Occupied slot | 2 slots |
| Line-side | <ul style="list-style-type: none"> • 1 OSFP optical port: 800G OSFP DCO module, pluggable • Extended C-band, supports Flexible Grid, 6.25GHz slice • Support adjustable light-emitting power, the range depends on the optical module • Support 400Gbit/s to 800Gbit/s programmable |
| Client-side | <ul style="list-style-type: none"> • 2 QSFP-DD/QSFP28 compatible optical ports • 6 QSFP28 optical ports are pluggable |
| Supported service types | 400GbE, 100GbE |
| 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 | < 120W |