

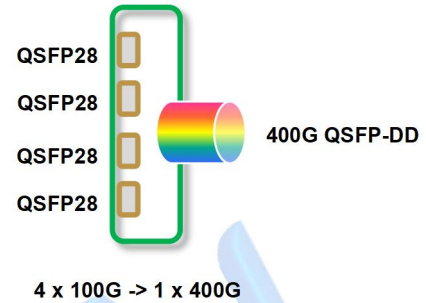
P614: 400G Muxponder(QSFP-DD)

The 400G Muxponder service board(P614) launched by Sintai Communication carries multiple 100GbE services through one 400G wavelength and supports line rates from 100Gbit/s to 400Gbit/s. The line-side uses standard 400G QSFP-DD pluggable coherent optical modules to provide 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 450km
- Suitable for large-capacity DCI network transmission in enterprises, campuses, cloud computing, etc.
- 400G links for existing OTN /DWDM infrastructure

Product specifications

400G Muxponder(P614)	
Occupied slot	1 slot
Line-side	<ul style="list-style-type: none"> ● 1 QSFP-DD optical port: 400G QSFP-DD 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 100G ~ 400G programmable
Client-side	4 QSFP28 optical ports are pluggable
Supported service types	100GbE, 100GbE FlexE(Unware)
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	<71W