

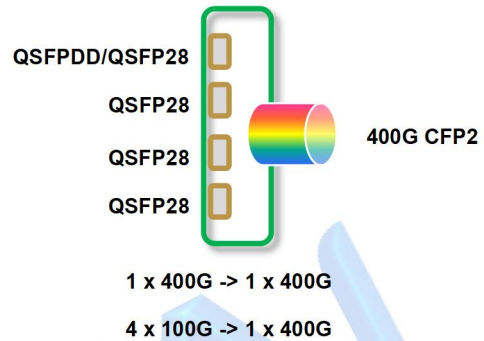
P616: 400G Muxponder(CFP2)

The 400G Muxponder service board(P616) launched by Sintai Communication carries multiple 100GbE, OTU4 or one 400GbE service through one 400G wavelength and supports line rates from 100Gbit/s to 400Gbit/s. The line-side uses standard 400G CFP2 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 600km
- Suitable for large-capacity DCI network transmission in enterprises, campuses, cloud computing, etc.
- 400G links for existing OTN /DWDM infrastructure

Product specifications

400G Muxponder(P616)	
Occupied slot	1 slot
Line-side	<ul style="list-style-type: none"> ● 1 CFP2 optical port: 400G CFP2-DCO module, pluggable ● Extended C-band/ultra-wide C-band, supports Flexible Grid, 6.25GHz slice ● Support adjustable light-emitting power, the range depends on the optical module ● Support 100G ~ 400G programmable ● Support single-fiber bidirectional transmission(optional)
Client-side	1 QSFP-DD/QSFP28 compatible optical port, 3 QSFP28 optical ports, pluggable
Supported service types	<ul style="list-style-type: none"> ● 100GbE, 100GbE FlexE(Unware), 400GbE, OTU4 ● Supports 100GbE/OTU4 hybrid transmission(optional)
Latency measurement	Support online delay measurement based on ODU layer on the line-side
Loopback	Support inner loop and outer loop on line-side and client-side
LLDP	Receive mode only(when the service type is Ethernet)
ALS	Client-side support(when the service type is Ethernet)
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