

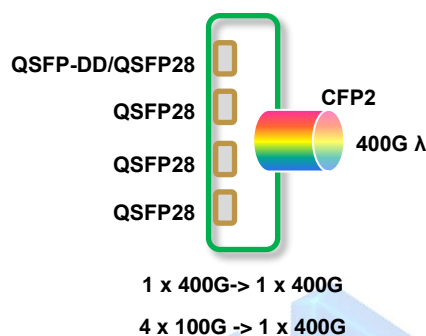
400G Muxponder Service Card: P616

The 400G Muxponder service card (P616) launched by Sintai Communication supports mapping 1x400G optical signal or 4x100G optical signals received on the client side to 1 OTUC4 signal and interconverting OTUC4 signals with optical signals of WDM wavelengths conforming to ITU-T standards. The line side adopts pluggable CFP2-DCO to achieve ultra-long distance transmission based on advanced technologies such as coherent detection.

Product view



Function structure



Application case

- Suitable for transmission over metropolitan networks and long-distance networks up to 600 km
- Suitable for high-capacity DCI network transmission for enterprises, campuses, cloud computing, etc.
- Suitable for 400G links in existing OTN/DWDM infrastructures

Product specification

400G Muxponder (P616)	
Function	<ul style="list-style-type: none">• Support 1x400G service signal mapping to 1 OTUC4 signal• Support 4x100G service signals mapping to 1 OTUC4 signal
Slot number	1 slot
Line side	Support 1 CFP2-DCO module hot-pluggable
Client side	Support 1 QSFP-DD, 4 QSFP28 modules hot-pluggable
OTN function	<ul style="list-style-type: none">• Frame format and overhead handling using ITU-T G709 recommendations• ODUk (k=4, C4) layer supports PM and other functions• OTUk (k=C4) layer supports SM functions
Wavelength adjustable	Range covers 191.35 THz ~ 196.1THz, support 75 GHz, 100 GHz adjustable
Support services	100GE, 100GE FlexE(Unware), 400GE , OTU4
Time delay measurement	Online delay measurement based on ODU layer
Loopback	Support line side and client side loopbacks
LLDP	Ethernet Support
Performance monitoring and alarm monitoring	<ul style="list-style-type: none">• Support OTN performance monitoring and alarm monitoring functions• Support optical module temperature, current, optical power monitoring, etc.• Support Ethernet RMON monitoring• Support Telemetry