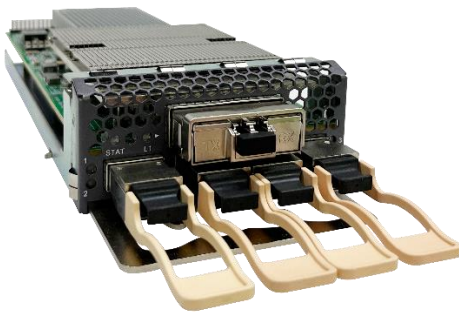


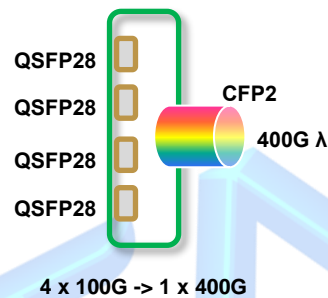
## 400G Muxponder Service Card: P616

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