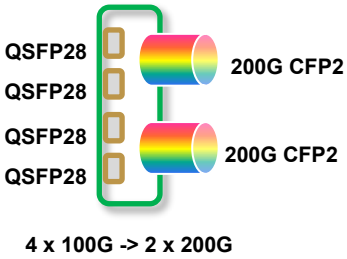
2*200G Muxponder: P524

The 2*200G Muxponder service card (P524) launched by Sintai Communication supports mapping 4x100G optical signals received on the client side into 2 OTUC2 signals and interconverting OTUC2 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 1000 km
- Suitable for high-capacity DCI network transmission for enterprises, campuses, cloud computing, etc.
- Suitable for 200G links in existing OTN/DWDM infrastructures

2*200G Muxponder (P524)	
Function	Support 4x100G service signals mapping to 2 OTUC2 signals
Slot number	1 slot
Line side	• 2 CFP2 ports: adopts 200G & 400G CFP2-DCO modules, hot-pluggable • Support wavelength adjustable, covering 191.35~196.1 THz. • Support light-emitting power adjustable • Support 100G/200G rate adjustable • Support single fiber bidirectional transmission (optional)
Client side	Support 4 QSFP28 modules, hot-pluggable
OTN function	• Frame format and overhead handling using ITU-T G709 recommendations • ODUk (k=4, C2) layer: support for PM and other functions. • OTUk (k=4, C2) layer: support for SM functions
Support services	100GE, 100GE FlexE(Unware), OTU4
Time delay measurement	Support line-side online delay measurement based on ODU layer
Loopback	Support line side and client-side loopbacks
LLDP	100GE service support
ALS	Client side support when accessing non-OTN services
Alarm delay insertion	Support Local Fault alarm delay insertion and delay time setting
Performance monitoring and alarm monitoring	• Support OTN performance monitoring and alarm monitoring functions • Support optical module temperature, current, optical power monitoring, etc. • Support Ethernet RMON monitoring • Support Telemetry