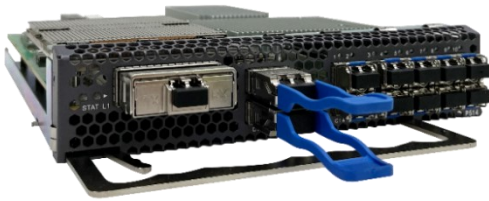


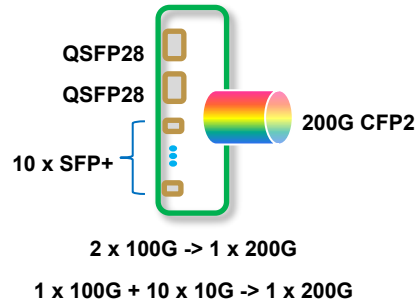
2*100G+10*10G Muxponder: P514

The 2*100G+10*10G+ Muxponder service card (P514) launched by Sintai Communication supports mapping 2x100G optical signals or 1x100G+10x10G optical signals received on the client side to 1 OTUC2 signal 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

200G Muxponder (P514)	
Function	<ul style="list-style-type: none"> ● Support 2x100G service signals mapping to 1 OTUC2 signal ● Support 1x100G + 10x10G service signals mapping to 1 OTUC2 signal
Slot number	2 slots
Line side	<ul style="list-style-type: none"> ● 1 CFP2 port: adopts 200G & 400G CFP2-DCO module, hot-pluggable ● Support wavelength adjustable, covering 191.35~196.1 THz ● Support light-emitting power adjustable ● Support single fiber bidirectional transmission (optional)
Client side	Support 2 QSFP28, 10 SFP+ modules, hot-pluggable
OTN function	<ul style="list-style-type: none"> ● Frame format and overhead handling using ITU-T G709 recommendations ● ODUk (k=2, 2e, 4, C2) layer: support for PM and other functions. ● OTUk (k=2, 2e, 4, C2) layer: support for SM functions
Support service types	10GE, 100GE, 100GE FlexE(Unware) , STM-64, 10GE_WAN, FC800, FC1600, FC3200, OTU2, OTU2e, OTU4
Time delay measurement	Support line-side online delay measurement based on ODU layer
Loop back	Support line side and client side loopbacks
LLDP	10GE, 100GE service support
ALS	Client side support when accessing non-OTN services
Performance monitoring and alarm monitoring	<ul style="list-style-type: none"> ● Support OTN performance monitoring and alarm monitoring ● Support temperature, current and power monitoring of optical module ● Support Ethernet RMON monitoring ● Support Telemetry