

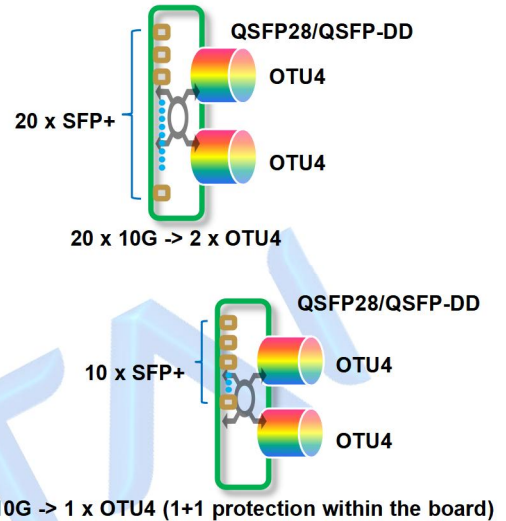
P422: 100G Muxponder(10*10G)

The 100G Muxponder service board(P422) launched by Sintai Communication supports mapping the 20x10G signal received on the client-side into 2 independent OTU4 signals or 10x10G signal into 1 OTU4 signal(1+1 protection within the board). The line-side supports QSFP28 gray optical modules or DCO coherent optical modules to meet the transmission requirements of different distances and diversified networks.

Product view



Functional structure



Application scenario

- Suitable for metropolitan area networks and long-distance network transmission up to 1500km
- Suitable for large-capacity DCI network transmission in enterprises, campuses, cloud computing, etc.
- 100G links for existing OTN /DWDM infrastructure

Product specifications

100G Muxponder(P422)	
Occupied slot	2 slots
Line-side	<ul style="list-style-type: none"> ● 2 QSFP28/QSFP-DD optical ports: 100G gray or DCO optical module, pluggable ● Extended C-band DCO optical module, supporting wavelength tuning(50GHz Grid/ 100GHz Grid)
Client-side	Support 20 SFP+ modules hot-swappable
Supported service types	10GbE, STM-64, 10GbE_WAN, FC800, FC1600, FC3200, OTU2, OTU2e
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)
Protection function	Supports 1+1 protection within the board(10*10G on the client-side)
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	<116W