

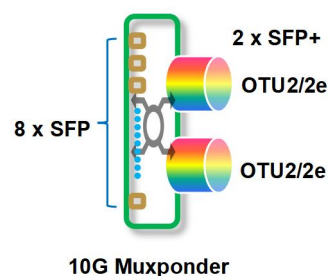
P222: 10G Muxponder(8*2.5G Any)

The 10G Muxponder service board(P222) launched by Sintai Communication is an enhanced 8-channel arbitrary rate service aggregation wavelength conversion board, which realizes the conversion of Any service (125Mbit/s~10.51Gbit/s) \leftrightarrow OTU2 (e), supports multiple working modes, and can provide intra-board 1+1 protection function.

Product view



Functional structure



Application scenario

- Suitable for metropolitan area networks and long-distance network transmission up to 1000km
- Suitable for small particle dedicated line service transmission in enterprises, parks, etc
- 10G links for existing OTN /DWDM infrastructure

Product specifications

10G Muxponder(P222)	
Occupied slot	1 slot
Line-side	Support 2 SFP+ modules hot-swappable
Client-side	Support 8 SFP/SFP+ modules hot-swappable
Supported service types	FE, GbE, 10GbE, STM-1, STM-4, STM-16, STM-64, FC100, FC200, FC800, FC1200, OTU1, OTU2, OTU2e
Working mode	<ul style="list-style-type: none"> ● 1*10G Any \leftrightarrow 1*OTU2/OTU2e ● 8*2.5G Any \leftrightarrow 2*OTU2 ● 8*2.5G Any \leftrightarrow 1*OTU2(intra-board 1+1 protection)
Latency measurement	Support online delay measurement based on ODU layer on the line-side
Loopback	Support inner loop and outer loop on line-side and client-side
ALS	Client-side support (when the service type is not OTN)
Intra-board 1+1 protection	Support (8*2.5G Any \leftrightarrow 1*OTU2 working mode)
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	<35W