

P624 (2*400G Muxponder)

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Details

Overview:

The 2*400G Muxponder service card (P624) launched by D tech trading supports mapping 8x100G optical signals received on the client side into 2 OTUC4 signals 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.

Application:

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 Specifications:

Parameter	Description
2*400G Muxponder (P624)	
Function	2 slots
Client side	Support 8x100G service signals mapping to 2 OTUC4 signals
Slot number	
Line side	
	- 2 CFP2 optical ports: using 400G CFP2-DCO module, pluggable
	- Support wavelength adjustable, range covers 191.35~196.1 THz
	- Support adjustable light-emitting power

Parameter	Description
	- Support 100G/200G/400G rate adjustable
	- Support single fiber bidirectional transmission (optional)
	Support 8 QSFP28 modules hot-pluggable
OTN function	
	- Frame format and overhead handling using ITU-T G709 recommendations
	- ODUk (k=4, C4) layer support PM and other functions
	- OTUk (k=C4, C4) layer support SM functions
Support services	100GE, 100GE FlexE(Unware), OTU4
Time delay measurement	Online delay measurement based on ODU layer
Loopback	Support line side and client-side loopbacks
LLDP Ethernet Support	
Protection function	No client-side sensing during protection reversal if with optical protection board (optional)
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