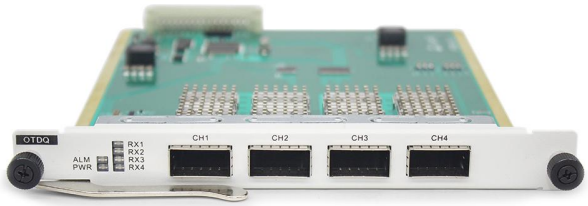
100G-OEO-2CHQSFP

40G/100G Transponder (OEO): 4*QSFP



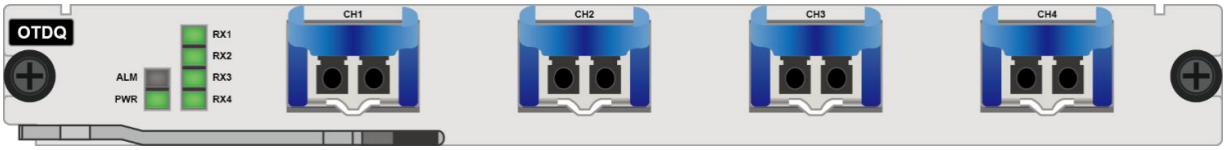
Description

40G&100G Transponder(OEO) service card launched by Fiber Mall. supports two 40G or 100G service access. Its main function is to perform 3R regeneration of two 40G or 100G service signals that are accessed, and can be transformed into two WDM standard wavelength optical signal, so that the multiplexer unit performs wavelength division multiplexing on optical signals of different wavelengths, and at the same time implements the inverse process of the above process. It's suitable for short-range transmission of wavelength division in metro areas at 40G or 100G rates.

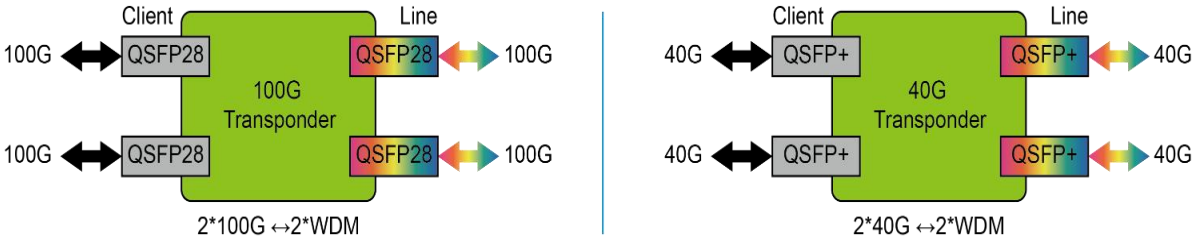
Product Specification

Function	Note	
Applications	100G wavelengths transform	40G wavelengths transform
Interface	❖ Client-side interface: 2 QSFP28 hot-pluggable ❖ WDM-side interface: 2 QSFP28 hot-pluggable	❖ Client-side interface: 2, QSFP+ hot-pluggable ❖ WDM-side interface: 2, QSFP+ hot-pluggable
Line Mode	Supports two 100G service transparent transmissions, which can transform two 100G service optical signals into two WDM standard wavelength optical signals	Supports two 40G services for transparent transmission, which can transform two 40G service optical signals into two WDM standard wavelength optical signals.
Support Service Type	❖ 100GE ❖ OTU4	❖ 40GE ❖ OTU3
Relay Mode	❖ Support 40G&100G wavelength electrical relay ❖ Optical signal single, multi-mode transform	
WDM Technology	Support DWDM: C band 100GHz 40wavelengths	
Occupied Slot Number	Support OTN1000 series chassis, occupy 1 slot	
Network Management Function	❖ Support real time monitoring of the port working state, including: transmitting optical power and receiving optical power, temperature, etc. ❖ Support port loopback and port shutdown	
Max Power Consumption	20W (including transceiver)	
MTBF	＞100000 hours	

Product Diagram



Functional Structure



Ordering Information

Part Number	Product Description
100G-OEO-2CHQSFP	40G/100G Transponder (OEO), Transmit 4 Channels, supports DWDM: C band 100GHz 40wavelengths, 3R regeneration