

400G-CFP2-4QSFP28

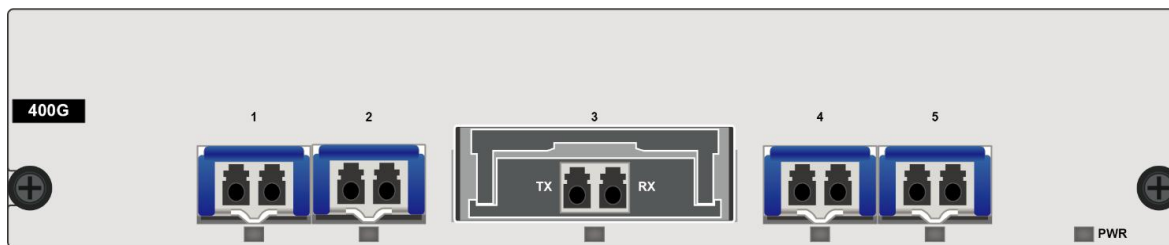
400Gbps Muxponder Service Card, 4x100G to 400G



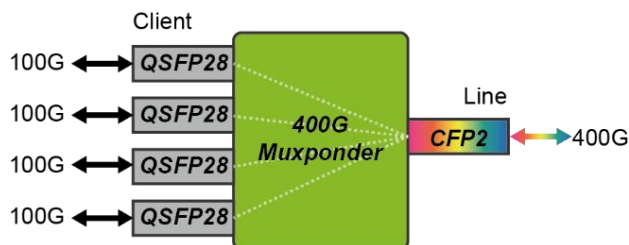
Description

The 400G Muxponder service card launched by Fiber Mall supports 4x100G ↔ The 400G electric layer multiplexes / demultiplexes and converts it into a 400G rate WDM standard wavelength optical signal, so as to facilitate the wavelength division multiplexing of optical signals of different wavelengths by the wavelength combining unit, and realize the inverse process of the above process at the same time. The line side adopts pluggable CFP2 DCO, realizes ultra-long-distance transmission based on advanced technologies such as coherent detection, and supports configurable 400G and 200G rates.

Product Diagram



Functional Structure



Product specification

Function	Note
Interface	<ul style="list-style-type: none"> Client side interface: 4 ports, hot-pluggable based on QSFP28 Line side interface: 1 port, hot-pluggable based on CFP2 DCO
Line side multiplexing structure	<ul style="list-style-type: none"> 200G: OCh <-> OTUC2 <-> ODUC2 <-> ODU4 400G: OCh <-> OTUC4 <-> ODUC4 <-> ODU4
Client side signal mapping mode	100GE <-> ODU4
Support service type	<ul style="list-style-type: none"> 100GE OTU4
WDM technology	<ul style="list-style-type: none"> Support C Band 400G DP-16QAM@75GHz 64CH tunable (191.3625 THz ~196.0875THz) Support C Band 200G DP-16QAM@50GHz 96CH tunable (191.30 THz ~196.10THz)
FEC technology	<ul style="list-style-type: none"> 200G: SD-FEC 400G: SD-FEC
Occupied slot number	Support OTN series chassis, occupy 2 slots
Network management	<ul style="list-style-type: none"> Support performance monitoring and alarm monitoring Support port loopback, port shutdown and ALS functions
Power consumption	60W maximum (including the optical transceiver)

Ordering Information

Part Number	Product Description
400G-CFP2-4QSFP28	400G Muxponder, 4x100G QSFP28 to1x400G CFP2