

200G Muxponder, 2x QSFP28 to 1x CPF2

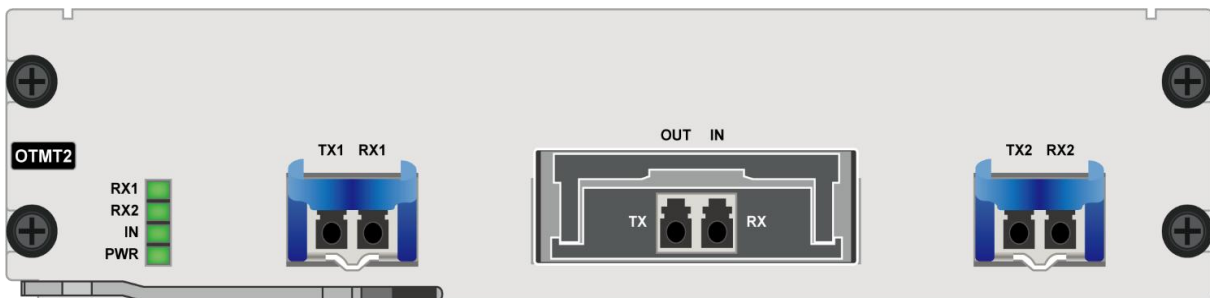
P/N: 6C-OTMT2



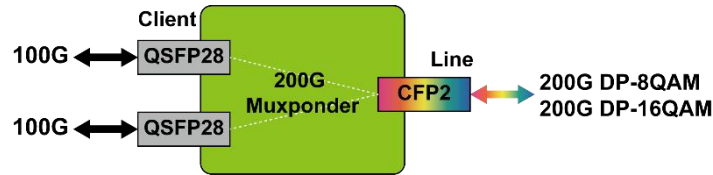
Product Overview

The 200G Muxponder service card launched by 6COM supports 2x100G ↔ 200G electric layer multiplexing / demultiplexing, and converted to a 200G WDM standard wavelength optical signal, so as to facilitate the wavelength division multiplexing of optical signals of different wavelengths by the wave combining unit, and realize the inverse process of the above process. The line side adopts DP-8QAM or DP-16QAM modulation mode, coherent reception and other advanced technologies to overcome the challenges of high-speed transmission system for OSNR requirements, Cd tolerance, PMD tolerance and non-linear transmission physical effects. It can achieve a maximum of 800KM of no electrical relay transmission, and support C-band 96 wave (50GHz) tunable

Product diagram



Functional structure



Product specification

Function	Note
Interface	<ul style="list-style-type: none"> Client side interface: 2, pluggable based on QSFP28 Line side interface: 1, pluggable based on CFP2, coherent DP-8QAM or DP-16QAM
Line mode	Support 2*100G service optical signals to be multiplexed into 1*200G DWDM standard wavelength optical signal
Relay mode	Support 200G wavelength electrical relay
Support service type	<ul style="list-style-type: none"> 100GE OTU4
WDM technology	Support DWDM: C-band 50GHz 96 wave tunable
FEC technology	Support SDFEC and G.709 FEC
Occupied slot number	Support QT-OTN860 series chassis, occupy 2 slots
Network management function	<ul style="list-style-type: none"> 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
Power consumption	30W (include the optical transceiver)
MTBF	> 100000 hours