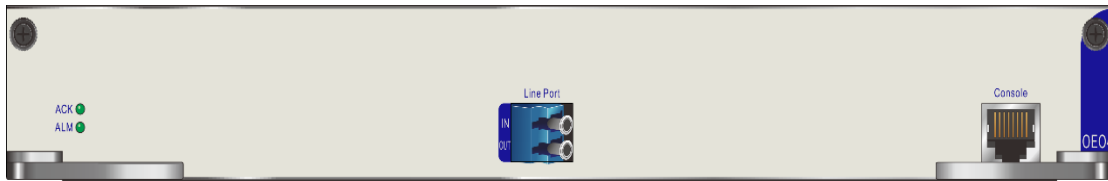


100G Muxponder Card



100G Repeater Card



100G Transponder Card

100G Card

Product Description

100G Muxponder board can realize that 10 channels business of 10GE can be mapped into 10 channels' ODU2, then all ODU2 can be mapped into ODU4 which added FEC decision information will turn into OTU4. At last, the board use the coherent module of line port to realize the long-haul of single wavelength.

100G Repeater board has the regeneration function of single direction, and can repeat the business as OTU4-ODU4-OTU4. One transmission line has two directions, and it needs two repeater board to regenerate the business of each direction. Notification: the signal is regenerated, and OSNR value should be recalculated again in next transmission span.

100G Transponder board can support that 1 channel 100G business is mapped into ODU4, which added FEC decision information will turn into OTU4. At last, the board use the coherent module of line port to realize the long-haul of single wavelength.

Product Features

- 100Gb/s in single wavelength, support 9.6Tb/s maximally
- Support OTU framing function
- Integrate HD and SD, support 13.5dB OSNR maximally
- DCF isn't in need
- Conform to the RoHS

Product Specification

Parameter		Index
Client side 10GE	Receiver optical power	-14~0dBm
	Output optical power	-8~-1dBm
	Operation wavelength	1310nm
Client side 100G	Receiver optical power	-4~+6dBm
	Output optical power	0~+6dBm
	Operation wavelength	1295~1310nm
Line side OTU4	Receiver optical power	-18~0dBm
	Output optical power	0~+5dBm
	Dispersion tolerance	50000ps/nm
	OSNR sensitivity	13dB@0.1nm
	Operation wavelength	C12.5~C60 @50GHz grid
FEC coding gain		6dB@ Hard decision

