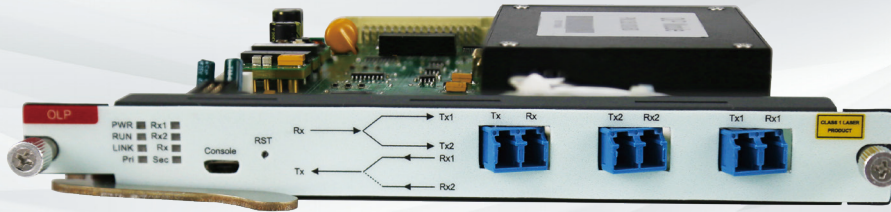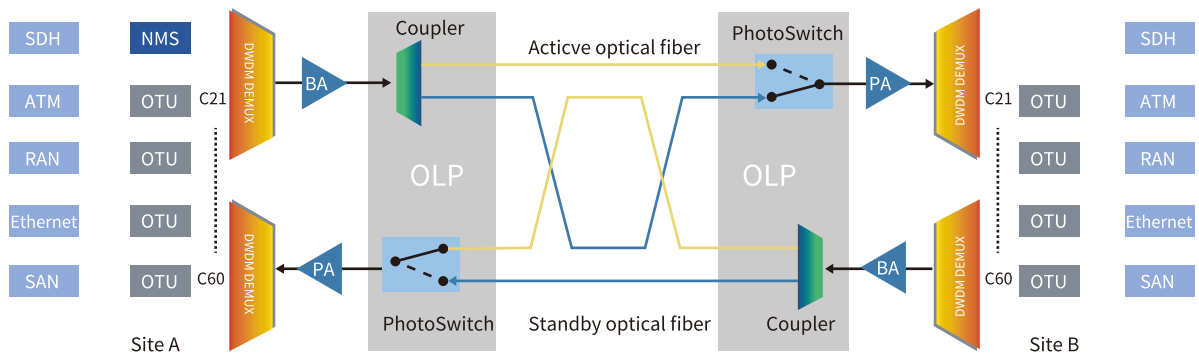# CDTrans-OLP

OLP board is a kind of protection system for optical line backup, which can realize 1 + 1 protection of the lines, and the switching time is less than 20ms. It can automatically identify the optical signal status of the main and standby systems and conduct instantaneous optical path switching, to ensure that the main optical cable can be switched to the standby optical cable in case of total resistance obstacle, to improve the communication service quality.

OLP quickly recovery of communication

In the process of OTN , when the main line has trouble, it automatically switches to the standby line to ensure that the fiber link is normal.

Product Highlights

- Support 1 + 1 protection .
- Optical power monitoring range: - 30dBm ~ + 25dbm.
- The switching time of optical path protection: ≤ 20ms.

- Real time monitoring of optical power
- Support web, CLI, local and remote control.
- Support automatic and forced working modes.

☰ Product Description

Items	Description
Port	Client side: 1*LC
	Line side: 2*LC
Protection mode	C-band, 1+1,Switch time＜20ms,Automatic and forced modes
Occupy slot position	1 slot
Network management function	CLI,WEB
	Optical Los alarm
	View working mode
	Protection mode configuration
Dimension (H*W*D)	22*170*245mm
Working environment	Operating temperature: -10℃ ~ 60℃
	Humidity: 5% ~ 95% without condensation
Storage environment	Temperature: -40℃ ~ 80℃
Power consumption	<10W