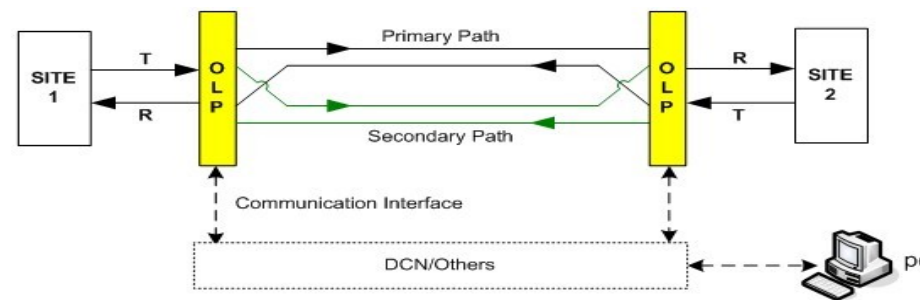


Optical Line Protection System (OLP)



Optical Line Protection System (OLP) uses vacant optical fiber from different route to build a backup path. By real-time monitoring the power status in working fiber, it can automatically switch from working fiber to backup fiber when the power value of working fiber lower than a user defined threshold. OLP will provide you a more reliable, flexible and high secure optical transmission network. It is widely used for protecting backbone and important business line.

OLP Shown as the figure below



Specifications

		1:1	1+1	1-1
Work Working wavelength	nm	1310±50nm and 1550±50nm		
Monitoring Power range	dBm	+23~-50		
Monitoring power accuracy	dB	±0.25		
Monitoring power resolution	dB	±0.01		
Return loss	dB	≥55		
PDL	dB	≤0.05		
WDL	dB	≤0.1		
Insertion loss	dB	TX<1.2、RX<1.2	TX<4、RX<1.2	<1.2
Switching time	ms	<35	<15	<15
Durability(Life)	times	>10 ⁷		
Operating temperature	°C	-10~+60°C		
Storage temperature	°C	-20~+75°C		
Power supply	V	DC(36-72)V and AC(85-264)V/50~60Hz, dual power supply		
Power-down Condition		hold in working path or switch to backup path		
Optical connectors		SC/PC		
Size		Standard 19' 1U/4U		

Ordering Information

		Ordering Type		
1U		GJ-OLP-1U-1:1	GJ-OLP-1U-1+1	GJ-OLP-1U-1-1
4U	Chassis	GJ-OLP-4U		
	Module	GJ-OLP-M-1:1	GJ-OLP-M-1+1	GJ-OLP-M-1-1
4U OLP system with the chassis (including power module and manage module) and pluggable module.				