


OLP Card

Product Description

Optical line protection (OLP) system is a new optical line protection subsystem developed with advanced technology of dynamic and synchronous optical switches. When communication quality is lower or equipment breaks down due to accidental fracture or bigger loss of optical fiber in the optical transmission line, the OLP system can switch the primary line to the secondary line within a short time, to ensure normal operation communication of line, which effectively prevent fiber or equipment fault and shorten the recovery time from hours to milliseconds.

Product Features

- Fast switch
- Routing topology management
- Real-time monitoring of primary and secondary line
- Low insertion loss
- Support remote and local scheduling
- High integration

Product Specification

Parameter	Index		
	1+1	Normal 1:1	Low insertion loss 1:1
Operation wavelength	1260~1360 nm or 1460~1640 nm		
Switch time	<25 ms	<50 ms	<50 ms
Main insertion loss	<5dB	<3 dB	<1.5 dB
Spare insertion loss	<5dB	<3 dB	<3dB
Card width	1 standad slot		
Connector type	LC/UPC		
Maximum power consumption	1W	3W	