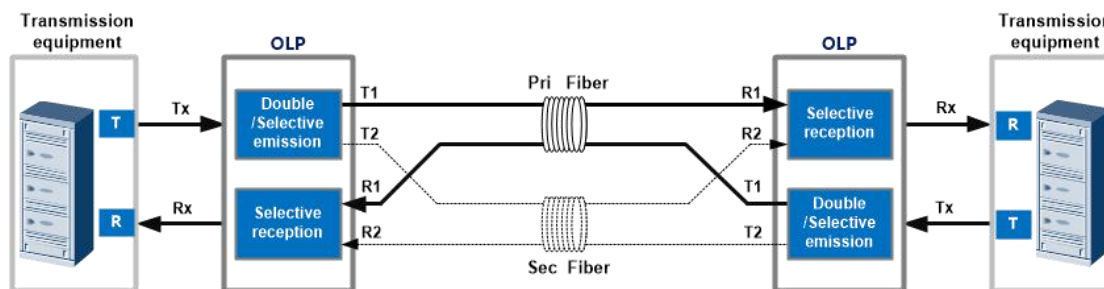


OLP Optical Line Protection



Product Overview

OLP-Optical Line Protection is a product that is used in the protection of network transmission line, the product can realize optical power monitoring and automatic switching. In optical communication network, OLP real-time monitoring optical power of working optical fiber and standby optical fiber. When the optical power value of working optical fiber is below the set switching threshold, the system raise the alarm prompt and switches to standby fiber automatically, which achieve line protection of optical transmission system.



Product Features

- Low insertion loss
- Service non-invasive switch
- Transparent transmission characteristics
- Reduce the loss caused by line fault
- Increase the reliability of the transmission network, improve network quality
- High level of integration by plug-in design, which saves space of cabinet
- Expansion is very convenient

Performance Index

Parameters	Unit	Specifications
Working wavelength	nm	ITU CWDM or DWDM
Monitoring optical power range	dBm	+23 ~ -50
Monitoring optical power accuracy	dB	±0.25
Optical power resolution	dB	±0.01
Return loss	dB	≥55

Guilin Tryin Technology Co., Ltd

Room C306, Innovation Building, Information Industry Park, Chaoyang Road, Guilin, China

Tel: 0773-3362165 Mobile: 0086 18178339418 Fax: 0773-5863101 Email: jerlinchiu@tryincn.com

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PDL	dB	≤ 0.05	
WDL	dB	≤ 0.1	
Insertion loss	dB	TX < 3.8, RX < 1.2	
Working life	Times	>10000000	<25
Switching speed	ms	<15	
Power Consumption	W	< 3	
Connector		LC/UPC	