

Protect your fiber traffic with our OLP Lite™ Protection Switch. OLP Lite™ Switch is a optical layer protocol independent, 1:1 or 1+1 line protection switch, that switches fiber traffic to protect fiber, path or DWDM/CWDM channel as soon as it detects fiber optical power drop below a pre-set threshold. It is very simple to setup and operate. Switches any data rate and protocol in a fiber.

Features and Benefits

- 1:1 optical fiber link protection, (also available as 1+1)
- switching occurs when received optical power level falls below adjustable threshold in less than 50 msec
- switches 1310, CWDM, DWDM fibers or individual channels
- protection configuration ring or mesh network
- latching or non latching optical fiber switch
- protocol and transmission rate independent, works with any manufacturer's transceivers
- local and Remote web browser and SNMP management.
- RS232 craft interface
- alarm switching threshold sent by web browser or SNMP
- input and output power monitoring on both working and protections paths..
- on-board LCD display and control panel
- revertive, non revertive, forced and manual operation
- power loss to unit does not affect traffic, except switching will not work
- 1 RMU Chassis, 19" or 23" rack mountable.
- 48 vdc and 120/240vac power



Front Panel View

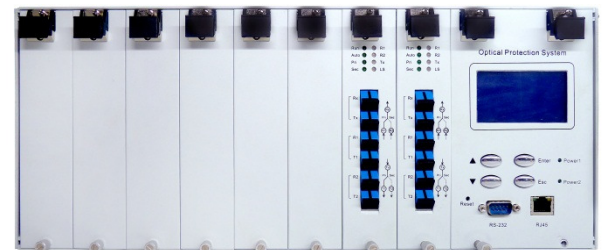


Rear Panel View

Applications

- 1:1 or 1+1 optical line protection for all optical protocols including Ethernet, video, RF. etc..
- For 1310 and 1550 nm window (O Band, and C Band) applications
- DWDM or CWDM system protection and individual channel protection

8 Slot Shelf View

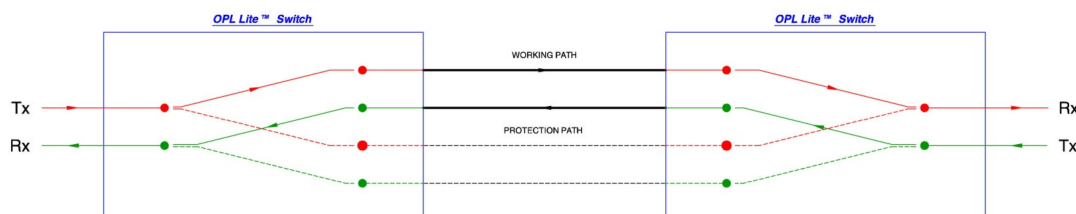


Specifications

Optical	
Wavelength range	1310nm, 1550nm, DWDM/CWDM band
Optical loss	1.2 dB Tx/Rx 1:1; (4dB Tx, 1.2dB Rx 1+1)
Power range	-50 dBm to 23 dBm
Switching time	Less than 50 ms
Switch type	non-latching, optional latching
Connector	SC/UPC
Mechanical	
Power Consumption	20 Watts (Max)
Power	36~72 V _{dc} 85-264, V _{ac}
Interfaces	RS-232C RJ-45
1 RU Chassis dimension	43.9 x 20.0 x 4.4 cm
Rack mount	19"
Operating temperature	-10°C ~ +60°C
Storage temperature	-20°C ~ +75°C
Relative humidity	5 to 95%
Other	
Provision / Monitor	Browser TCP/IP, RS232, SNMP

LOCATION A

LOCATION B



For more information, call a Customer Representative at 1.888.250.1562

OLP Lite Protection Switch 1:1 Fiber Connection Diagram