



**SEPITAM**

ONE STEP SMARTER

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**SEPITAM**  
**OLP-W-S**



## TYPE: Sepitam-OLP-W-S

Sepitam WDM multiplexers, including CWDM and DWDM, support various transmission rates and long-distance coverage while utilizing standard wavelengths. They enable the high-speed transmission of multiple services with optimized fiber utilization. Integration with OTN networks and the deployment of various modules such as EDFA, DCM, OTU, and etc. enhance the efficiency and performance of fiber optic networks, ensuring the quality and speed required by customers.



▶ TYPE: Sepitam-OLP-W-S

## ▶ Description:

Optical line protection equipment is used in backup optical line protection system. The equipment uses advanced automatic optical line switching module, which is used in optical communication system for main or backup switching optical devices, it can automatically identify the status of the optical line signal is in main status or backup status, then it will switch optical line immediately to ensure when the main line broken, the backup line is still working, to improve the operator's service quality.

## ▶ Properties:

- Indicator light display the status of the optical line interface
- Set switch threshold power and alarm threshold power by LCD in the equipment or Network management
- Two working mode: automatically return mode and non-automatically return mode.
- Receiver's switching time has automatic mode, manual mode and remote mode.
- Automatic switching time lower than 20ms.
- 1+1 power supply backup system, hot plugging support.



## ► Specifications:

Model	Sepitam-OLP-W-S
Adjustment wavelength	1310 & 1550nm, Compatible with DWDM channels
Sender insertion loss	< 4.0dB
Receiver insertion loss	< 1.5dB
Return loss	≥ 45dB
Crosstalk	> 55dB
PDL	<0.1dB
Optical power monitoring	-50~20dBm
Switching time	< 20ms
Automatic switch threshold power	-30dBm
Switch mode	Automatic, manual, remote
Input/Output optical interface	SC/APC、SC/PC、FC/APC、FC/PC
Network management jack	RJ45、RS232
Dimension	19" 1U case
Operating Temperature	-10℃ ~ 60℃
Storage Temperature	-40℃ ~ 80℃
Humidity	5% ~ 95%
Power	220V/AC, 50Hz or 48V/DC

# Technical Specification of Sepitam-OLP-W-S



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