



Optical Light Source

OP-OLS19



Shenzhen Optostar Optoelectronics Co., Ltd

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Overview

OP-OLS19 optical light source can provide 1 to 4 output wavelengths to meet specific requirements, including the 650nm red source and the 1310/1550nm wavelengths for single mode fiber or the 850/1300nm wavelengths for multi mode fiber, as well as other wavelengths according to customer needs. Together with the JW3208 optical power meter, it is a perfect solution for the fiber optic network characterization.

Product Features

- Provides 1~4 output wavelengths which can be optional according to customer's needs
- CW, 2Hz modulation output at 650nm, and CW, 270Hz, 1KHz, 2KHz modulation output at other wavelengths.
- High stability of the output power
- Stable output wavelength
- Backlight LCD display supports night operation
- Compact size and decent appearance
- Large LCD, easy operation
- Alternative 10 minutes Auto-off function conserving battery life

APPLICATIONS

- Maintenance Telecom
- Maintenance CATV
- Test Lab of Fiber Optic
- Optical fiber sensors

Technical Parameters

Type	OP-OLS19			
Wavelengths(nm)	650	1310/1550	850/1300	850/1300/1310/1550
Emitter Type	FP-LD,LED or others please specify			
Typical Output Power (dBm)	0	-7dBm for LD, -20dBm for LED		
Spectral Width(nm)	≤10			
Output Stability	±0.05dB/15mins; ±0.1dB/ 8hours			
Modulation Frequencies	CW,2Hz	CW,270Hz,1KHz,2KHz		
Optical Connector	FC/ universal adaptor	FC/PC		
Power Supply	Alkaline Battery(3 AA 1.5V batteries)			
Battery Operating Time(hour)	45			
Operating Temperature(℃)	-10~+60			
Storage Temperature(℃)	-25~+70			
Dimension(mm)	175x82x33			
Weight (g)	295			
OPTOSTAR Recommendation				
OP-OLS19 Handheld Light Source is designed for optimal use with JW3208 Optical Power Meter for measuring optical loss on both single mode and multi mode fiber cable.				

Order Information

Model	Kit Include
OP-OLS19	OP-OLS19 Optical Light Source, Protective Rubber Boot, 3pcs 1.5V batteries,User Manual, and Soft carrying case.

Important Notice

Performance figures, data and any illustrative material provided in this data sheet are typical and must be specifically confirmed in writing by OPTOSTAR before they become applicable to any particular order or contract. In accordance with the OPTOSTAR policy of continuous improvement specifications may change without notice.

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