



Optical Light Source

OP-OLS11



Shenzhen Optostar Optoelectronics Co., Ltd

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Overview

OP-OLS11 optical light source is a handheld optical light source, newly released in 2007. It can provide 1 to 5 wavelengths output to satisfy specific requirements including the 650nm visible light source and the 1310/1550nm wavelengths for single mode fiber or the 850/1300nm wavelengths for multimode fiber, as well as other wavelengths according to customer's needs. Together with the OP-OLS11 optical power meter, it is a perfect solution for fiber optic network applications.

Product Features

- Provides 1~5 wavelengths output which can be optional according to customers' 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
- Low battery power indication

APPLICATIONS

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

Technical Parameters

Type	OP-OLS11
Wavelengths(nm)	Provides 1~5 Wavelengths according to needs.
Emitter Type	FP-LD,LED
Typical Output	0@650nm / -7 @1310nm,1550nm, -20dBm for LED
Spectral Width(nm)	≤10

Output Stability	±0.05dB/15mins; ±0.1dB/ 8hours
Modulation Frequencies	CW,2Hz@650nm / CW,270Hz,1KHz,2KHz@1310nm,1550nm
Optical Connector	FC/PC(Other type adapters can be required)
Power Supply	Alkaline Battery(3 AA 1.5V batteries); AC Adaptor(9V)
Battery Operating	45
Operating	-10~+60
Storage Temperature(°C)	-25~+70
Dimension(mm)	190X100X50
Weight(g)	370
OPTOSTAR Recommendation	
OP-OLS11 Handheld Light Source is designed for optimal use with OP-OPM21 Optical Power Meter for measuring optical loss on both single mode and multimode fiber cable.	

Order Information

Model	Kit Include
OP-OLS11	OP-OLS11 Optical Light Source, 3pcs 1.5V batteries, AC Adaptor, User Manual and Soft carrying case.

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