

Optical Light Source Datasheet

OLS2001



OLS2001 optical light source is a handheld optical light source. 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.

Features

- ◆ Providing 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

Product Annotation

- 1- Power button
- 2- Screen
- 3- CW modulation button
- 4- λ wavelength button
- 5- Output port



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Specifications

Technical Specifications

Wavelength (nm)	1 to 5 wavelengths according to needs
Emitter Type	FP-LD, LED
Typical Output Power (dBm)	0@650nm, -7dBm @1310nm,1550nm, -20dBm for LED
Spectral Width (nm)	10 Max.
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 Time (hour)	45
Operating Temperature (°C)	-10 to +60
Storage Temperature (°C)	-25 to +70
Dimension (mm)	190*100*50
Weight (g)	370

Packing Info

No.	Items	Quantity
1	OLS2001 Optical Light Source	1 pc
2	User Manual	1 pc
3	Soft Carrying Case	1 pc
4	AC Adaptor	1 pc
5	1.5VAA Battery	3 pcs

