

OLS-109

Features

- ◇ High stability of the output power
- ◇ Stable output wavelength
- ◇ Backlight LCD display supports night operation
- ◇ Compact size and decent appearance
- ◇ Large LCD, easy operation
- ◇ Provides 2 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



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Description

OLS-109 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 multimode fiber, as well as other wavelengths according to customer needs. Together with the OPM-208 optical power meter, it is a perfect solution for the fiber optic network characterization.

Parameter

Item	Specification
Wavelengths	1310/1550 nm
Emitter type	FP-LD, LED or others please specify
Typical output power	-7dBm for LD, -20dBm for LED
Spectral width	1. ≤ 10 nm
Output stability	± 0.05 dB/15mins; ± 0.1 dB/ 8hours
Modulation frequencies	CW, 270Hz, 1KHz, 2KHz
Optical connector	FC/PC
Power supply	Alkaline Battery(3 AA 1.5V batteries)
Battery operating time	45 hour
Operating temperature	-10~+60°C
Storage temperature	-25~+70°C
Dimension	175x82x33 mm
Weight	295 g

Applications

- ◇ Maintenance in telecom
- ◇ Maintenance CATV
- ◇ Test lab of optical fibers
- ◇ Other fiber optic measurements