



SPEEDWOLF Optical Light Source User Guide

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OLS622N(1310/1550nm)

Amazon: <https://www.amazon.com/dp/B07HJ49GW2>

Shenzhen SPEEDWOLF Technology Co., Ltd.

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Introduction

OLS622N Optical laser light source is a self-developed instrument, Which features advanced control technology , high output, ultra low-power operation. OLS512N-SM-R support double wavelength (**1310nm/1550nm** high stable output) output through single tie-in. and it also support 3 or 4 wavelength(1625nm/1550nm/1490nm/1310nm/1300nm/850nm/650nm, 1-3 wavelength Optional) output through double tie-in(Please contact with SPEEDWOLF Seller).It can export a variety of modulation frequency (CW, 270HZ, 1KHZ, 2KHZ). It is widely used in optical communication, optical measurement, optical fiber sensing, and so on.

Specification

Type	OLS622N
Emitter Type	FP-LD
Wavelength (nm)	1310/1550nm 1-3 wavelength Optional:850/1300/1310/1490/1550/1625nm
Optical Connector	FC (SC/ST can be optional)
Output Power(dBm)	≥ 3m w @ 650nm; ≥ -7dBm @ 850/1300nm ≥ -7/0dBm @ 1310 /1490/ 1550 /1625nm
Output Stability(dB)	±0.04@20℃@15min
Modulation Frequencies	CW,2Hz@650nm;CW,270Hz,1KHz,2KHz@others
Fiber Type	SM、MM
Power Supply	AAA 1.5V(3pcs batteries)
working time(h)	40hours
Operating Temperature(℃)	-10~+50
Storage Temperature(℃)	-20~+70
Dimension(mm)	125*65*29mm
Weight(g)	160

Features

- Good stability in output power
- Optional auto-shutdown
- Large LCD display and backlight
- Battery power display

Applications

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

Package List



Important Notice

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

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Documents / Resources

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