



shinewaytech SLS-50X Stabilized light source 1310/1550/1625, $\geq -3\text{dBm}$



link to the product:

<https://intersell.pl/gb/1023-shinewaytech-sls-50x-stabilized-light-source-131015501625-3dbm.html>

Manufacturer: ShinewayTech

Referention number: SLS-50X

Full product description

The SLS-50 can generate very stable optical signals of various wavelengths, which enables precise measurement of optical link loss and optical identification of the fiber (in combination with the shinewaytech OPM-50 power meter).

We offer a two-year warranty on this product

Features:

- 6dB of adjustable output power range,
- Automatic wavelength identification,
- Remote reference value settings,
- Suitable for FTTX,
- Quick start,
- It does not overheat
- Battery charging via USB,
- Pocket size, light weight, simple operation,
- Backlight,
- 40 hours of continuous work,
- CE, FCC, FDA certificates.

Automatic wavelength identification

Compatible with digital encryption protocols, the SLS-50 sends an encrypted signal to the OPM-50, which automatically identifies the wavelength and switches to the appropriate measurement mode (this reduces the load on both ends and avoids potential error).

Remote reference settings

The SLS-50 sends its encrypted signal parameters to the OPM-50 for accurate loss measurement even when the two devices are far apart.

6dB of adjustable output power range

The output power can be adjusted in a minimal step of 0.01dB in the 6dB range (not available for 650nm).

Compatible with FTTx test

The SLS-50 can produce highly stable signals at 1310, 1490, 1550 and 1625nm wavelengths that conform to Passive Optical Network (PON) and FTTx standards.

Direct display of the output power on the LCD display

The SLS-50 signal output power value can be directly displayed on the LCD for easy access.

SPECIFICATION

Technical parameters	
Model	SLS-50X
Wavelength (± 20) [nm]	1310/1550/1625
Number of ports	2
Spectral width [nm]	? 5
Application	SM / MM fibers
Emitter type	FP-LD @ 650, 850, 1300, 1310, 1550nm DFB-LD @ 1490, 1625nm
Output power [dBm]	? 3 @ 650nm ? -3 @ 850/1300/1310/1490/1550 / 1625nm
Stability of power	± 0.05 dB / 15min ± 0.10 dB / 8h @ 1310/1490/1550 / 1625nm ± 0.15 dB / 8h @ 850 / 1300nm
The output mode	CW, 1Hz @ 650nm CW, 270Hz, 1kHz, 2kHz @ 850/1300/1310/1490/1550 / 1625nm
Adjustment range [dB]	6 (not available at 650nm)
Set steps [dB]	0.01 / 0.1 / 1
Connector	FC / PC (interchangeable with SC, ST)
Automatic wavelength identification	YES (with shinewaytech OPM-50 / OLT-55)
Display of the output power	YES
General parameters	
Dimensions (width x length x height) [mm]	80 x 40 x 170
Weight [g]	315

Power	Lithium battery AC adapter
Battery operation time [h]	40 (continuous operation) 140 (standby)
Energy saving	Automatic shutdown after 5 minutes of inactivity
Working conditions	Ambient temperature: -20 to 50 [° C] Relative humidity: 0 to 95 [%] (no condensation)
The storage conditions	Ambient temperature: -40 to 70 [° C] Relative humidity: 0 to 95 [%] (no condensation)

Order

Standard equipment

- Equipment,
- Lithium battery,
- AC adapter,
- Case,
- Warranty Card,
- CE certificate,
- Calibration certificate,
- User manual.

