

OPTICAL LIGHT SOURCE, OLS SERIES

DESCRIPTION

OLS Series Optical Light Sources are the light sources with combination of various wavelengths;

- 1310/1550nm,
- 310/1490/1550nm,
- 850/1300/1310/1550nm
- 1310/1490/1550/1625nm

with a fixed output power of -5dBm

The OLS transmits encrypted wavelength synchronization protocol, enabling the OPM-C Series Optical Power Meters to automatically detect the wavelength of OLS Series and use the proper calibration parameters. This feature omits the need for communications between two technicians and decreases the potential for errors.

The OLS Series offers excellent stability and portability for accurate fiber optic testing. Single output port provides stable laser power at dual wavelengths. The compact unit operates in either continuous wave (CW) mode or modulated mode. It has a low battery alert reminder.



FEATURES

- Single output interface
- Wavelength synchronization function (TWIN)
- Auto power-off function
- Easy-to-use, straight forward operation
- USB charging
- LCD backlight for easy operation in darker environments
- Friendly interface

SPECIFICATIONS

Category		Dual-Wavelength	Triple-Wavelength	Quad-Wavelength	
Model		OLS-3155-5	OLS-314955-5	OLS-85303155-5	OLS-31554962-5
Output Wavelength (nm)		1310/1550	1310/ 1490/1550	850/1300/ 1310/1550	1310/1490/ 1550/1625
Emitter Type		LD			
Output Stability (dB)	Short Term (15 min.)	< ±0.05 @ 1310,1550nm; <±0.1 @ 850, 1300, 1490, 1625nmnm			
	Long Term (8 Hours)	< ±0.1 @ 1310,1550nm; <±0.2 @ 850, 1300, 1490, 1625nm			
Central Wavelength (nm)		850 ±10, 1300/1310/1490/1550±20			
Spectral Width (nm)		5			
Output Frequency (Hz)		CW, 270, 1K, 2K			
Output Power (dBm)		-5 ± 0.5dB			
Resolution (dB)		0.01			
Auto Power-off		Yes			
Back-light		Yes			
Power supply		AA Ni-MH Rechargeable Battery x 2pcs (USB charging)			
Operating Temperature (°C)		-10 to +50			
Storage Temperature (°C)		-20 to+70			
Working humidity (%)		≤90 RH			
Dimension (mm)		160L x 76W x 45H			
Net Weight (g)		270			

STANDARD ACCESSORIES

2 x AA NiHM rechargeable battery, CD disk (user manual), USB cable (charging), calibration certificate, carrying case, packing box, SC/PC adapter and FC/PC adaptor.

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ORDERING INFORMATION

Part Number	Descriptions
OLS-3155-5	Optical Light Source, SM, 1310/1550nm, -5dBm±0.5dB, SC/PC
OLS-314955-5	Optical Light Source, SM, 1310/1490/1550nm, -5dBm±0.5dB, SC/PC
OLS-85303155-5	Optical Light Source SM/MM, 850/1300/1310/1550, -5dBm±0.5dB, SC/PC
OLS-31554962-5	Optical Light Source, SM, 1310/1490/1550/1625, -5dBm±0.5dB, SC/PC

OPTIONAL ACCESSORIES

Part Number	Descriptions
FOA-L0001	FC/PC Adapter for light source
FOA-L0003	SC/PC Adapter for light source
FOA-L0005	ST/PC Adapter for light source
FOA-L0007	2.5mm Universal Adapter for light source
FOA-B0001	Rechargeable battery

Note : Specifications are subject to change without notice