



FEATURES

- Single laser output interface
- Excellent laser output stability
- Auto wavelength synchronization function (TWIN)
- Auto power-off function
- Easy-to-use operation and user-friendly interface
- USB charging
- LCD backlight
- Output laser frequency : CW, 270Hz, 1KHz, 2KHz

DESCRIPTION

PH Optical Light Sources are light sources with combination of various wavelengths with a fixed output power of -5dBm.

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

The OLS transmits an encrypted wavelength synchronization tone, enabling the OPM-C Series Optical Power Meters to automatically detect the wavelength of PH OLS.

The features increase the operation efficiency and decrease the potential human errors while switching the test wavelength.

The PH OLS Series offers excellent stability and portability for accurate fiber optic optical power and insertion loss testing. The OLS provides stable laser power at dual, tri and quad wavelengths.

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
Laser 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			
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			
Relative Humidity (%)	≤90 RH			
Dimension (mm)	160L x 76W x 45H			
Net Weight (g)	270			

Note : Specifications are subject to change without notice

STANDARD ACCESSORIES



ORDERING INFORMATION

Part No	Description
OLS-3155-5	Optical Light Source, SM, 1310/1550nm, -5dBm±0.5dB, SC/PC and FC/PC
OLS-314955-5	Optical Light Source, SM, 1310/1490/1550nm, -5dBm±0.5dB, SC/PC and FC/PC
OLS-85303155-5	Optical Light Source SM/MM, 850/1300/1310/1550, -5dBm±0.5dB, SC/PC and FC/PC
OLS-31554962-5	Optical Light Source, SM, 1310/1490/1550/1625, -5dBm±0.5dB, SC/PC and FC/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