

## HYTT-RY-OLS-LS300 Optical Light Source



HYTT-RY-OLS-LS300 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 HYTT-RY-PM-PM300 optical power meter, it is a perfect solution for the fiber optic network characterization.

### Features

Provides 1~4 output wavelengths which can be optional according to customers' needs

CW, 2Hz modulation output at 650nm, and CW, 270Hz, 1KHz, 2KHz modulation output at other wavelengths.

High stability of the output power

Stable output wavelength

Backlight LCD display supports night operation

Compact size and decent appearance

Large LCD, easy operation

Applications

Maintenance in Telecom

Maintenance CATV

Test Lab of optical fibers

Other Fiber Optic Measurements

**Specifications**

Type	LS300A	LS300B	LS300BB	LS300C	LS300D	LS300E	LS300F
Wavelengths(nm)	1310/1550nm	1310/1490/ 1550nm	1310/1490 1550nm	850/1310/ 1550nm	1300/1310 1550nm	850/1300/ 1310/1550nm	850/1300nm(for OEM)
Emitter Type	FP-LD,LED or others please specify						
Output Power(dBm)	-6~-7(1310/1550nm),>0 (650nm)						
Spectral Width(nm)							
Output Stability	+0.05dB/15mins; +0.1dB/ 8hours						
Modulation Frequencies	CW / 2(650nm) / 270, 1K,2K (1310nm/1550nm)						
Optical Connector	FC/PC ( Interchangeable FC/SC/ST connectors can be optional)						
Power Supply	Alkaline Battery(3 AA 1.5V batteries)						
Battery Operating Time(hour)	45						
Operating Temperature(oC)	_ 10 ~ +60						
Storage Temperature(oC)	_ 25 ~ +70						
Dimension(mm)	172*82*33						
Weight	295g						
<b>Recommendation</b>	HYTT-RY-OLS-LS300 Handheld Light Source is designed for optimal use with HYTT-RY-OLS-PM-300 Optical Power Meter for measuring optical loss on both single mode and multimode fiber cable.						

**HYTT-RY-OLS-LS300B Output Power(dBm) is -7dBm,  
HYTT-RY-OLS-LS300BB is 0 dBm,  
HYTT-RY-OLS-LS300F is OEM mode**