

LS-3 series Laser Source

Description

LS-3 series Optical Laser Source offers excellent stability and portability for accurate fiber optic testing. By using wavelength-identification digital encrypted protocol, the LS-3 series laser source enable the LP-3 series optical power meter to automatically recognize the wavelength to be tested.

Features

- ❖ Wavelength-identification digital encrypted protocol
- ❖ Auto power-off , battery indicator
- ❖ LCD display with back-light
- ❖ Up to 50 hours continuous operation



Specification

Model #	LS-3M	LS-3S	LS-3T
Output Wavelength (nm)	850/1300nm	1310/1550nm	1310/1490/1550
Laser Type	LD		
Output Stability *	Short term (15 mins): $\pm 0.05\text{dB}@1490$; $\pm 0.2\text{dB}@850/1300/1310\text{nm}/1550\text{nm}$ Long term (5 hrs.): $\pm 0.2\text{dB}@1490$; $\pm 0.8\text{dB}@850/1300/1310\text{nm}/1550\text{nm}$		
Central Wavelength	± 20 nm		
Spectral Width	3 nm		
Modulation Frequency	270 Hz, 1KHz, 2KHz		
Output Power	$\geq -6\text{dBm}$ @1310/1550/1490nm ; $\geq -10\text{dBm}$ @850/1300nm		
Operating/Storage Temperature	$-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$ / $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$		
Power supply	3 * AA batteries ; AC/DC adaptor		
Dimensions (L*W*H)	170mm*82mm*35 mm		
Standard Accessories:			
SC/UPC Adapter, Carrying Bag, Manual (CD)			
Optional Items:			
SC/APC or FC/UPC or FC/APC Adapter, FC to LC Hybrid Adapter, AC/DC adaptor			

* @ $20 \pm 3^{\circ}\text{C}$, CW, FC connector