

# MLS-20 Series

## Multi-wavelength Laser Source



MLS-20 series Multi-wavelength Laser Source paired with ShinewayTech optical power meters can meet the test requirements of fiber identification, attenuation/loss measurements, continuity verification and transmission quality evaluation on single mode and multimode fibers in LAN/WAN/CATV systems, offering high quality, stability and competitive costs.

### Features

- ◆ Multi-wavelength models available: 650/850/1300/1310/1490/1550/1625nm
- ◆ 650nm visible laser source for break and macrobend detection
- ◆ CW and modulation (270, 1K, 2KHz) output modes
- ◆ 1625nm wavelength with optical power meter to measure upper limit loss in DWDM
- ◆ Dual-way power supply: 1600mAh battery/ optional power adapter
- ◆ Low battery indicator
- ◆ Auto off function
- ◆ CE, FCC, FDA certificates



## Specifications

Model	MLS-20A	MLS-20B	MLS-20C	MLS-20D
Wavelength ( $\pm 30\text{nm}$ ) <sup>(1)</sup>	850,1300,1310,1550	650,850,1300, 1310,1550	850,1300,1310 1490,1550	850,1300, 1310 1550,1625
Emitter Type	FP-LD@650,850,1300,1310,1550nm; DFB-LD@1490,1625nm			
Spectrum Width	$\leq 5\text{nm}$			
Output Power	$\geq -3 \text{ dBm}@650\text{nm}$ ; $\geq -7 \text{ dBm}@850,1300,1310,1490,1550,1625\text{nm}$			
Modulated Tones	1 Hz @650nm; 270Hz,1KHz, 2KHz@850,1300,1310,1490,1550,1625nm			
Stability	$\pm 0.05 \text{ dB}/15\text{min}$ , $\pm 0.10\text{dB}/8\text{hr}$ @1310,1490,1550,1625nm; $\pm 0.15\text{dB}/8\text{hr}$ @850/1300nm			
Connector Type	FC/PC (Interchangeable SC, ST)			
Fiber Type	Multi / Single mode Fiber			
Power Supply	NiMH rechargeable battery (1600mAh) / AC adapter			
Battery Life	$\geq 40$ hours			
Operating Temperature	$0^{\circ}\text{C} \sim 50^{\circ}\text{C}$			
Storage Temperature	$-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$			
Relative Humidity	0 to 95% (non-condensing)			
Weight	600g (1.3 lbs)			
Dimension (H x W x T)	196x100x44mm(7.7x3.9x1.7 inch)			

**Note:** (1) Other wavelengths are open for customization.

\* Specifications subject to change without notice

