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

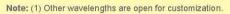
- Multi-wavelength models available: 650/850/1300/1310/1490/1550/1625nm
- 650nm visible laser source for break and macrobend detection
- CW and modulation (270,1K, 2KHz) output modes
- 1625nm wavelength with optical power meter to measure upper limit loss in DWDM
- Dual-way power supply: 1600mAh battery/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



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Specifications

Model	MLS-20A	MLS-20B	MLS-20C	MLS-20D
Wavelength (±30nm) ⁽¹⁾	850,1300,1310,1550	650,850,1300,	850,1300,1310	850,1300,
	334,1033,1314,1033	1310,1550	1490,1550	1310 1550,1625
Emitter Type	FP-LD@650,850,1300,1310,1550nm; DFB-LD@1490,1625nm			
Spectrum Width	≤ 5nm			
Output Power	≥ -3 dBm@650nm; ≥ -7 dBm@850,1300,1310,1490,1550,1625nm			
Modulated Tones	1 Hz @650nm; 270Hz,1KHz, 2KHz@850,1300,1310,1490,1550,1625nm			
Stability	±0.05 dB/15min,			
	±0.10dB/8hr @1310,1490,1550,1625nm; ±0.15dB/8hr @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	≥40 hours			
Operating Temperature	0°C ~ 50°C			
Storage Temperature	-20°C ~ 70°C			
Relative Humidity	0 to 95% (non-condensing)			
Weight	600g (1.3 lbs)			
Dimension (H × W × T)	196×100×44mm(7.7×3.9×1.7 inch)			



^{*} Specifications subject to change without notice



