

DATA SHEET

SINGLE LONGITUDINAL MODE RED LASER AT 721 nm

All solid state single longitudinal mode red laser at 721nm is made features of ultra-compact, long lifetime, low cost and easy operating, which is used in optical instrument, spectrum analysis, interference, measurement, physics experiment, etc.



Wavelength (nm)	721 ±1
Output power (mW)	>10, 20, 30, ..., 150
Transverse mode	TEM ₀₀
Operating mode	CW
Power stability (rms, over 4 hours)	<3%, <5%, <10% , Optional
Warm-up time (minutes)	<10
M ² factor	<1.2
Beam divergence, full angle (mrad)	<1.5
Spectral linewidth (nm)	<0.00001
Beam diameter at the aperture (mm)	~2.0
Beam height from base plate (mm)	27.4
Polarization ratio	>100:1 (Vertical)
Coherent length (m)	>50
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-FDA
Expected lifetime (hours)	10,000
Warranty period	1 year

MxL-FN-721	Dimensions	PSU-H-FDA	Dimensions
	 <p>197(L)×70(W)×50(H) mm³, 2.0 kg</p>		 <p>275(L)×145(W)×104(H) mm³, 2.3kg</p>