



MDL-MD-650/655/1000-1800mW

SPECIFICATIONS



RED DIODE LASER
AT 650/655nm

It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in measurement, spectrum analysis, laser lighting show, etc.



Central wavelength (nm)	650±10/ 655±10
Operating mode	CW
Output power (mW)	>1000, 1100, ...,1800
Power stability (rms, over 4 hours)	<1%, <2%, <3%
Polarization direction	Horizontal + Vertical
Beam diameter at the aperture (mm)	~2×7
Beam divergence, full angle (mrad)	<4.7×4.0
Warm-up time (minutes)	<5
Operating temperature (°C)	10~35
Power supply (85-264VAC)	PSU-III-LED/ PSU-III-FDA
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional
Expected lifetime (hours)	10000
Warranty	1 year



MDL-MD-650/655	PSU-III-LED	PSU-III-FDA
<p>153(L)×81(W)×93.7(H) mm³, 1.8kg</p>	<p>188.6 (L) ×155(W) ×92 (H) mm³, 1.5kg</p>	<p>171(L) ×130(W) ×62.2 (H) mm³, 1.2kg</p>