

MDL-E-375/1~20mW



NARROW LINEWIDTH DIODE LASER AT 375nm

It features a narrow spectral linewidth, stable wavelength, long lifetime and easy operation. They are widely used in precision measurement, high resolution spectrum analysis, etc.



SPECIFICATIONS

Central wavelength (nm)	375±0.5
Operating mode	CW
Output power (mW)	>1, 2, 3, ...,20
Power stability (rms, over 4 hours)	<1%, <2%, <3%
Transverse mode	Near TEM ₀₀
Spectral linewidth (nm)	<0.06 (<0.03, optional)
M ² factor	<1.5
Beam diameter at the aperture (1/e ² ,mm)	~3.0
Beam divergence, full angle (mrad)	<0.5
Polarization ratio	>10:1 (>50:1, optional) Horizontal±5 degree (Vertical Optional)
Warm-up time (minutes)	<5
Beam height from base plate (mm)	30
Operating temperature (°C)	20~30
Power supply (85-264VAC)	PSU-III-FDA
Expected lifetime (hours)	10000
Warranty	1 year



MDL-E-375	PSU-III-FDA
<p>122.5(L) × 65(W) × 50 (H) mm³, 1.0kg</p>	<p>171(L) × 130(W) × 62.2 (H) mm³, 1.2kg</p>