

DPBL-9000 series



Key Features:

- ▶ High Power Stability
- ▶ High Reliability
- ▶ Competitive Price

Application:

- ▶ Biotechnology
- ▶ Raman Spectroscopy
- ▶ Laser Show and Display

Specifications		DPBL-9010	DPBL-9020	DPBL-9050
CW Output Power (Typ)		10mW	20mW	50mW
Output Wavelength (Typ)		473nm		
Beam Mode		TEM ₀₀		
Mode Quality (M ²)		<1.2		
Beam Roundness		>90%		
Power Stability (Ambient temperature+/-2°C, over 2hrs)		<±5%		
Beam Diameter, (1/e ²)		0.8±0.2 mm	0.8±0.2 mm	1.0±0.2 mm
Beam Divergence		1.0±0.2 mrad		
Beam Alignment Tolerance	Position (Δ r)	<1mm		
	Angle	<10mrad		
Polarization Ratio		>100:1 Vertical		
Residual IR		<0.2%		
Operating Temperature (Base Plate)		15-35 °C		
Warm Up Time		<15 minutes		
Expected Operating Lifetime		>5000 hours		
Laser Head Dimensions		46.2 (H) X 73 (W X 156 (L) mm		
Recommended Power Supply Option		LDC-1500		

Package Drawing (Unit:mm)

