

长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech, Co., Ltd,

DATA SHEET

PGL-DF-405/1~300mW

SPECIFICATIONS

VIOLET LASER MODULE AT 405 nm WITH ADJUSTASLE FOCUS

PGL-DF is a new developed portable laser with adjustable focus and divergence, which is made features of small size, high output power, long lifetime, and special safety design to ensure security.



Wavelength (nm)	405 ±5	
Operating mode	CW	
Output power (mW)	>1,5, 10 , , 300	
Power stability (rms)	<10%, over 4 hours at constant temperature after warm up	
	<20%, over operating temperature range	
Transverse mode	Near TEM ₀₀	
Beam diameter at the aperture (1/e ² , mm)	~3.5	AVO
Beam divergence, full angle (mrad)	<0.5	
Focus distance(mm)	Adjustable with laser head	-
Operating temperature (°C)	15~30	This Citar
Power supply	DC 6V PCB	888
Expected lifetime (hours)	10000	
Warranty	6 months	







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