
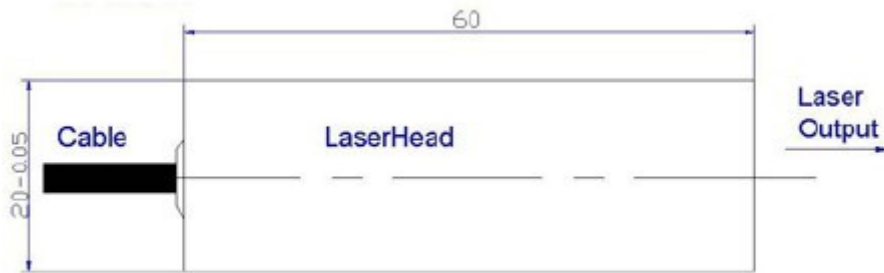


445nm~450nm 500mw Fiber Coupled Laser Diode Module

445nm Pigtailed Diode Laser		Wavespectrum Laser, Inc	
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	5.0	V
Operating Temperature	T_{op}	0 ~ +30	°C
Storage Temperature	T_{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features: <ul style="list-style-type: none"> ● 445nm ● UV MM Fiber ● Coaxial Package 			
Applications: <ul style="list-style-type: none"> ● Medical laser treatment ● Printing 			
Specifications	WSLP-445-500m-M		
	Min	Type	Max
Center Wavelength@25°C	440nm	----	455nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	400mW	----	500mW
Fiber Core	40um、50um、60um、105um optional		
Slope Efficiency	0.8mW/mA	----	1.8mW/mA
Monitor Current	----	----	----
PD Reverse Voltage	----	----	----
Fiber Connector	FC/ST/SMA905		
Fiber Length	----	80cm	100cm
Threshold Current (Typ.)	150mA	----	300mA
Operating Current (Typ.)	----	1A	1.2A
Operating Voltage	4V	----	6V
Package Style	Coaxial		



Package View



Electrically shorten LD module and store in non-extreme conditions.
Suggest using the constant current power supply.



Please contact us:

Website: www.wavespectrum-laser.com(for more detailed information)

Email:info@wavespectrum-laser.com (for inquiry about this product)

