


405nm 100mW~120mW Coaxial Fiber Coupled Laser Diode with 10um UV Fiber
405nm~410nm 100mW Pigtailed Violet LD with 10um UV Fiber| Built-in PD optional

WSLP-405-100m-10

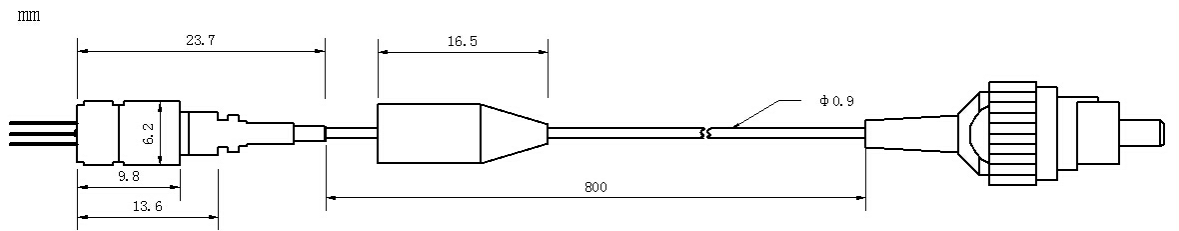
Wavespectrum Laser Group

www.wavespectrum-laser.com

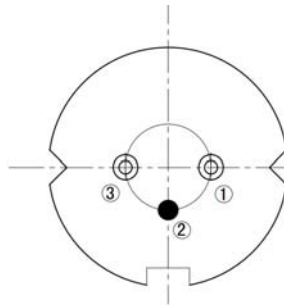
405nm Pigtailed Diode Laser		100mW/10um Fiber		en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE	UNIT		
Reverse Voltage	V_r	2.0	V		
Operating Temperature	T_{op}	0~+70	°C		
Storage Temperature	T_{stg}	-35~+85	°C		
Lead soldering temperature (10 sec.)	T_{is}	260	°C		
Features: <ul style="list-style-type: none"> ● 405nm ● 10um UV Fiber ● Coaxial Package ● TEC Cooler Optional 					
Applications: <ul style="list-style-type: none"> ● Medical laser treatment ● Others 					
Specifications	WSLP-405-100m-10				
	Min	Type	Max		
Center Wavelength@25°C	400nm	405nm	410nm		
Spectral Width (FWHM)	----	2.0nm	----		
Output Power	----	100mW	----		
Fiber Type	10um UV Fiber				
Fiber Numerical Aperture	0.12				
Recommend Operating Temperature	25°C				
Fiber Connector	FC/SC/SMA905				
Fiber Length	----	80cm	100cm		
Threshold Current (Typ.)	----	40mA	60mA		
Operating Current (Typ.)	----	170mA	200mA		
Operating Voltage	----	4.8V	5.5V		
Package Style	Coaxial				



Coaxial Package View



PIN Bottom View:



1	LD(+)
2	GND
3	LD(-)

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

