


405nm 5mW~10mW Fiber Coupled Laser Diode With 105um Multi-mode Fiber | Built-in PD
400nm~410nm Coaxial Pigtailed Diode Laser Module | Violet LD Module With 105um UV Fiber
WSLP-405-010m-105M-PD Wavespectrum Laser Group www.wavespectrum-laser.com

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405nm Pigtailed Diode Laser

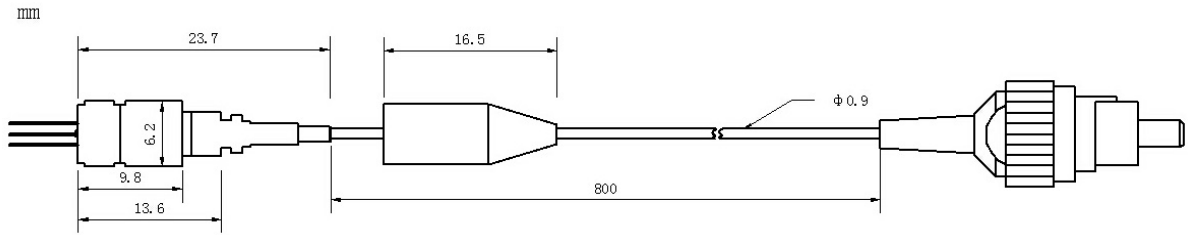
10mW/MM Fiber

en.wavespectrum-laser.com.cn

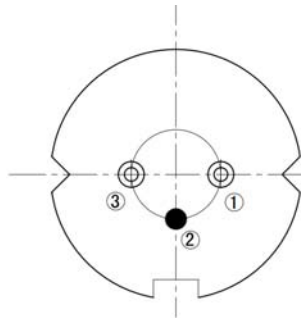
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	0 ~ +70	°C
Storage Temperature	T_{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features:			
<ul style="list-style-type: none"> ● 405nm ● UV MM Fiber ● Coaxial package ● Receptacle Package Optional 			
Applications:			
<ul style="list-style-type: none"> ● Medical laser treatment ● Printing ● Others 			
Specifications	WSLP-405-010m-105M-PD		
	Min	Type	Max
Center Wavelength@25°C	±3nm	405nm	±10nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	5mW	10mW	----
Fiber Type	Multi-mode Fiber		
Fiber Core	105um		
Recommend Operating Temperature	25°C		
Monitor Current	----	0.2mA	----
PD Reverse Voltage	----	30V	----
Fiber Connector	FC/SC/SMA905		
Fiber Length	----	80cm	100cm
Threshold Current (Typ.)	----	26mA	50mA
Operating Current (Typ.)	----	45mA	60mA
Operating Voltage	----	4.8V	5.5V
Package Style	Coaxial		



Coaxial Package View



PIN Bottom View:



1	LD(+)
2	LD(-)&PD(-)
3	PD(+)

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

