


445nm~450nm 10mW~15mW Coaxial Pigtailed Laser Diode with PMF | Blue Laser Module
445nm 15mW PM Fiber Coupled LD | 3um Polarization Maintaining (SM Fiber)

WSLP-445-015m-PM

Wavespectrum Laser Group

www.wavespectrum-laser.com
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445nm Pigtailed Diode Laser		15mW/PMF	
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10~+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"> 445nm PM Fiber High Reliability High Polarization Extinction Ratio Applications: <ul style="list-style-type: none"> Medical Laser Treatment Biotechnology Others 			
Specifications	WSLP-445-015m-PM		
	Min	Type	Max
Center Wavelength@25°C	440nm	445nm	460nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	10mW	15mW	----
Fiber Type	Polarization Maintaining Fiber		
Fiber Core	3um		
Recommend Operating Temperature	25°C		
Fiber Connector	FC/APC		
Polarization Extinction Ratio	13dB	15dB	
Fiber Length	----	80cm	100cm
Threshold Current	----	25mA	55mA
Operating Current	----	120mA	140mA
Operating Voltage	----	6.0V	7.0V
Package Style	Coaxial or B82		



Coaxial Package View: (Part Number: WSLP-445-015m-PM)

B82 Package View: (Part Number: WSLP-445-015m-PM-B)

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.

