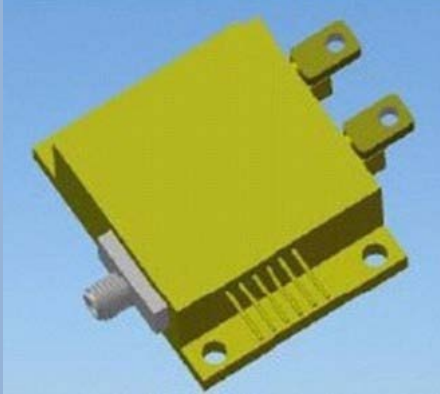


**450nm 1W~1.2W Fiber Detachable LD| TEC Cooling Optional| Blue Laser Diode| PD Optional**  
**445nm~450nm Fiber Receptacle Laser Diode|40um 50um 60um 105um 200um 400um MM Fiber**  
**WSLR-445-001-H**                      **Wavespectrum Laser Group**                      **www.wavespectrum-laser.com**

445nm Fiber Detachable Diode Laser		1.2W/MM Fiber		Wavespectrum Laser Group	
PARAMETER	SYMBOL	VALUE		UNIT	
Reverse Voltage	$V_r$	5.0		V	
Operating Temperature	$T_{op}$	0 ~ +70		°C	
Storage Temperature	$T_{stg}$	-40 ~ +85		°C	
Lead soldering temperature (10 sec.)	$T_{is}$	260		°C	
<b>Features:</b> <ul style="list-style-type: none"> <li>445nm</li> <li>Fiber Detachable</li> <li>Photodiodes Optional</li> <li>TEC Cooling Optional</li> </ul>					
<b>Applications:</b> <ul style="list-style-type: none"> <li>Medical laser treatment</li> <li>Printing</li> <li>Others</li> </ul>					
<b>Specifications</b>		<b>WSLR-445-001-H</b>			
	Min	Type	Max		
Center Wavelength@25°C	440nm	445nm	460nm		
Spectral Width (FWHM)	----	3.0nm	----		
Output Power(After Fiber End)	----	1W	1.2W		
Used Fiber Type	20um ,30um ,50um ,60um ,105um, 200um,400um,800um Optional				
Recommended Operating Temperature	20°C				
Detachable Fiber Connector	FC or SMA905				
Threshold Current (Typ.)	----	250mA	500mA		
Operating Current (Typ.)	----	1.4A	1.6A		
Operating Voltage	----	5.5V	6.5V		
Package Style	HHL				
Built-in Photodiode	Optional				
Built-in TE Cooling	Optional				



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