


**480nm~482nm 20mW Coaxial Pigtailed Laser Diode with PMF | Blue Laser Module**  
**480nm 20mW PM Fiber Coupled LD | 3um Polarization Maintaining (SM Fiber)**  
**RWLP-480-020m-PM**

480nm Pigtailed Diode Laser 20mW/PMF			
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	-10~+60	°C
Storage Temperature	$T_{stg}$	-40~+85	°C
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C
Features: <ul style="list-style-type: none"> <li>480nm</li> <li>PM Fiber</li> <li>High Reliability</li> <li>High Polarization Extinction Ratio</li> </ul> Applications: <ul style="list-style-type: none"> <li>Medical Laser Treatment</li> <li>Biotechnology</li> <li>Others</li> </ul>			
<b>Specifications</b>	<b>RWLP-480-020m-PM</b>		
	Min	Type	Max
Center Wavelength@25°C	480nm±5nm		
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	20mW	----
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	----	35mA	65mA
Operating Current	----	140mA	160mA
Operating Voltage	----	6.5V	8.0V
Package Style	Coaxial or B82		

**Coaxial Package View: (Part Number: RWLP-480-020m-PM)**



**B82 Package View: (Part Number: RWLP-480-020m-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.

