


405nm 400mW Fiber Detachable LD| TEC Cooling Optional| CTP Application
400nm~410nm Fiber Receptacle Laser Diode|40um 50um 60um 105um MM Fiber
WSLR-405-400m-M **Wavespectrum laser inc.** **www.wavespectrum-laser.com**

405nm Fiber Detachable Diode Laser		400mW	Wavespectrum Laser, Inc	
PARAMETER	SYMBOL	VALUE	UNIT	
Reverse Voltage	V_r	2.0	V	
Operating Temperature	T_{op}	0 ~ +30	°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 • Fiber Detachable • Photodiodes Optional • TEC Cooling Optional 				
Applications: <ul style="list-style-type: none"> • CTP • Medical laser treatment • Others 				
Specifications	WSLR-405-400m-M			
	Min	Type	Max	
Center Wavelength@25°C	400nm	405nm	415nm	
Spectral Width (FWHM)	----	1nm	----	
Output Power(After Fiber End)	----	400mW	----	
Used Fiber Type	MM Fiber			
	50um (25um 34um 40um 60um Optinoal)			
Recommended Operating Temperature	20°C			
Detachable Fiber Connector	FC or SMA905			
Threshold Current (Typ.)	----	140mA	160mA	
Operating Current (Typ.)	----	400mA	430mA	
Operating Voltage	----	5.0V	5.5V	
Package Style	Detachable			
Built-in Photodiode	Optional			
Built-in TE Cooling	Optional			

