

# 915nm High Power Benchtop Multimode Pump

## Laser 10W



- **Product Description**

The high-power laser source is based on high-performance semiconductor laser chips, with output coupled to 105/125um multimode optical fibers.

The laser is designed with a constant current driver and temperature control circuits to ensure stable and safe operation. Some models feature wavelength locking, providing spectral stability within  $\pm 3\text{nm}$ . This laser source is suitable for applications in medical research, fiber laser pumping,



and other production testing processes. It is available in both desktop and modular packaging and comes with PC-based monitoring software

## ● Product features

High Output Power, Stable Power and Spectral Performance, Available in Modular or Desktop Packaging

## ● Part Number

MP-FP-915-10-MM-B

## ● Application area

Fiber Laser Pumping, Biomedical Applications, Material Laser Processing

## ● Core parameters

Wavelength	Output Power	Spectral Width
915nm	10W	6nm

## ● General Parameters

Parameters

Parameter	Unit	Typ.	Notes
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<b>Operating Wavelength</b>	nm	793/808/976	915
<b>Wavelength Accuracy</b>	nm	±3	±10
<b>Spectral Width</b>	nm	3	6
<b>Operating Mode</b>	-	CW	
<b>Output Power</b>	W	5, 10, 25	
<b>Short-Term Stability (15 min)</b>	dB	≤ ±0.02	
		Equivalent ≤ ± 0.5%	
<b>Long-Term Stability (8 h)</b>	dB	≤ ±0.05	
		Equivalent ≤ ± 1.2%	
<b>Pigtail Type</b>	-	105/125μ m Multimode Fiber, NA=0.22	
<b>Pigtail connector type</b>	-	Bare Fiber	
		Optional Fiber Collimator	

<b>Electrical and Environmental Parameters</b>	<b>Benchtop</b>	<b>Module</b>
<b>Control Method</b>	<b>Keypad</b>	<b>RS232 Serial</b>





## Ordering Info

Ordering info/PN#				
	Operating Wavelength (nm)	Output Power(W)	Output Pigtail Type	Package Type
MP-FP-	793/808/915 /976/1064	5/10/25	MM=105/125um  Multi-mode  Fiber	B=Benchtop  M=Module