

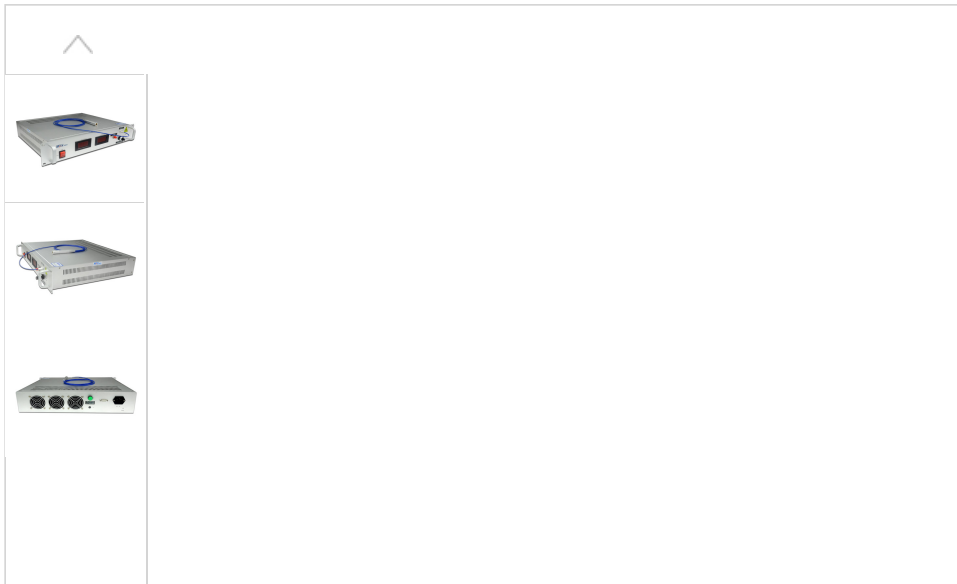


- HOME
- COMPANY
- PRODUCTS&SOLUTION**
- APPLICATION
- NEWS
- SERVICES
- CONTACT
- SHOPPING MALL
- VR
- Q

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- All
- Pulse fiber laser series
- CW fiber laser series
- Research fiber laser series
- Semiconductor laser series
- Optical passive devices
- Laser solutions



5-20w PM Amplifier Series

Maxphotonics 5W, 20W polarization-maintaining amplifier has the features of high output polarization extinction ratio and strong stability power. The Output polarization extinction ratio is 16dB or more, high power stability, its design and configuration to ensure a high reliability, mainly used in coherent synthesis, fiber optic sensing, laser radar and other scientific research.

Product features

- High output polarization extinction ratio
- High power stability
- High quality laser output
- High stability, long lifespan

Product parameters

Parameters	Unit	Data	Data
Operation Mode		CW	CW
Central Wavelength	nm	1064	1064
Input Fiber		PM 10/125um FC/APC	PM 10/125um FC/APC
Min.Input Power	mW	6	100
Output Power Tunable	%	10-100	1-100
Output Power Stability (t>2h)	%	≤3	≤3
Output Polarization Extinction Ratio	dB	≥16	≥16
Onput Fiber		PM 10/125um	PM 10/125um
Fiber Output End Diameter	mm	14	
Beam Quality	M2	≤1.2, single mode	
Output Beam Diameter(1/e2)	mm	4-6	
Operation Voltage(DC)	V	220±10%	

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Max Power Consumption(at 20°C)	W	70	150
Storage Temperature	°C	-20-70	
Dimension	mm	550*430*88	

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- [Research laser series](#)
- [Semiconductor Laser Series](#)
- [Optical Passive Devices](#)
- [Laser solutions](#)

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- [Application Area](#)
- [Industrial Application](#)

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