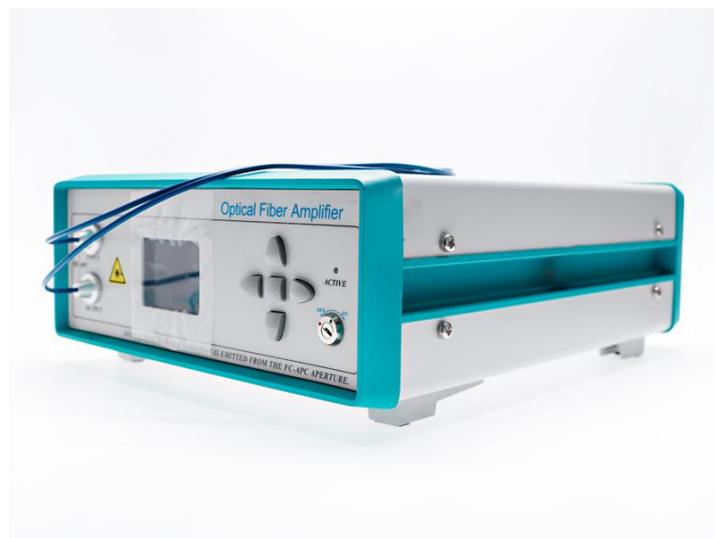


# 1064nm Yb-doped polarization-maintaining fiber amplifier 20W



## ● Product Description

The Laser benchtop YDFA (Yb-Doped Fiber Amplifier) internally uses high-power, high-performance multimode semiconductor pump sources, highly stable wavelength division multiplexers (combiner), and high gain coefficient Yb-doped optical fibers. The YDFA adopts an integrated all-fiber system design with a fully polarized structure, with the power supply, control section, and optical system highly integrated to provide a



user-friendly turnkey laser system.

## ● Product features

Wide gain bandwidth、 High signal-to-noise ratio、 Outstanding power stability、 High power output

## ● Part Number

MP-YDFA-1064-20W-PM

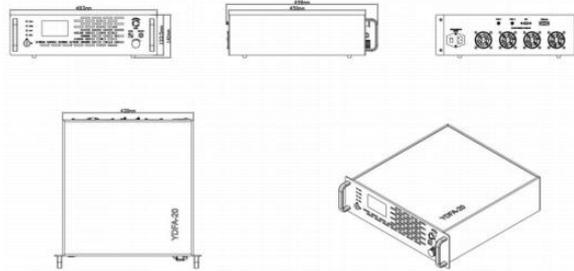
## ● Application area

OPA pumping、 Pump detection、 Laser ranging、 Supercontinuum generation

## ● Core parameters

Wavelength	Output Power
1064nm	20W

## ● Dimension Drawing



## ● General Parameters

### Technical Parameters

Parameters	Unit	Value
Operating Wavelength	nm	1015-1090
Input Power	mW	>5
Output Power	W	10/20/50
Gain Peak Wavelength	nm	1064
Optical Noise Figure	dB	<8
Output Polarization		Random/Linear
Output Fiber		Collimated output head (>1W)
<b>Electrical, Environmental, and Mechanical Parameters</b>		
Power Supply Voltage	VAC	100-240(50Hz/60Hz)
Operating Temperature	°C	15~35
Operating Humidity	%	20~80(non-condensing)
Storage Temperature	°C	-20~+50
Storage Humidity	%	20~80(non-condensing)
Machine Weight	kg	7
Dimensions (LxWxH)	mm	483x498x141 (LxWxH)