

#### Product Feature



Higher single pulse energy makes our laser applicable to more types of materials and applications

### **New Compact and Rugged Design**

>40% reduction in volume
Higher flexibility when integrated into system

### Wide Application Even with Highly Reflective Material

High performance isolator effectively reduces reflection damage to the laser source Smoothly marking on aluminum, copper and brass etc

### **High Level Vertical Integration**

All key components are designed and produced in house Strict quality control, high consistency and reliability



## MFP 20W Fiber Laser Specifications

Model	MFP-20H
	OPTICAL SPECIFICATIONS
Nominal Power	20W
Mode of Operation	Pulsed
Polarization	Random
Power Tunability	10 to 100%
Wavelength	1064 ± 5 nm
Power Stability	≤ 3 %
Laser Beam Quality M <sup>2</sup>	1.3~1.8
Pulse Energy	1 mJ
Pulse Duration	80~120 ns
Repetition Rate	20~80 kHz
	FIBER DELIVERY SYSTEM
Length	1.9~3m standard, other lengths optional
Beam Diameter	6~8 mm
Beam Ellipticity	90%
·	ELECTRICAL RATINGS
Supply Voltage	24 VDC
	OTHER SPECIFICATIONS
Operating Temperature	+10 to +42°C
Storage Temperature	-10 to +60°C
Humidity	10 to 95%
Cooling Method	Air Cooling
Dimension	287×219×94.6 mm
Weight	7 kg

# Mechanical Specifications (mm)







