

MFPT 20M

MOPA Pulsed Fiber Laser



Product Feature



New Generation Optical Path Design

New core technology of fiber gain control



High Output Power

Greatly improved single pulse energy



Compact and Rugged Design

Maintenance free Operation



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

MFPT 20M Fiber Laser Specifications

Model	MFPT-20M
OPTICAL SPECIFICATIONS	
Nominal Power	$\geq 20\text{W}$
Mode of Operation	Pulsed
Polarization	Random
Power Tunability	10 to 100%
Wavelength	$1066 \pm 3 \text{ nm}$
Power Stability	$< 5 \%$
Laser Beam Quality	≤ 1.3
Pulse Energy	0.7 mJ
Pulse Duration	2~350 ns
Repetition Rate	1~4000 kHz
FIBER DELIVERY SYSTEM	
Length	3m standard, other lengths optional
Beam Diameter	5~7mm
ELECTRICAL RATINGS	
Supply Voltage	24 VDC
OTHER SPECIFICATIONS	
Operating Temperature	0 to +40°C
Storage Temperature	-10 to +60°C
Humidity	10 to 95%
Cooling Method	Air Cooling
Dimension	$287 \times 219 \times 95 \text{ mm}$
Weight	6 kg

Mechanical Specifications (mm)

