

MFP 30X~50X

Q-Switch Pulsed Fiber Laser



Product Feature



Excellent Single Pulse Energy

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 30X~50X Fiber Laser Specifications

Models	MFP-30X	MFP-50X
OPTICAL SPECIFICATIONS		
Nominal Power	24~26W	44~46W
Mode of Operation	Pulsed	
Polarization	Random	
Power Tunability	10 to 100%	
Wavelength	1064 ± 5 nm	
Power Stability	≤ 5 %	
Laser Beam Quality M ²	1.1~1.6	
Pulse Energy	0.75 mJ	1 mJ
Pulse Duration	100~120 ns	80~110 ns
Repetition Rate	30~60 kHz	45~60 kHz
FIBER DELIVERY SYSTEM		
Length	1.9~3m standard, other lengths optional	
Beam Diameter	6~9mm	
Beam Ellipticity	90%	
ELECTRICAL RATINGS		
Supply Voltage	24 VDC	
OTHER SPECIFICATIONS		
Operating Temperature	+10 to +40°C	
Storage Temperature	-10 to +60°C	
Humidity	10 to 95%	
Cooling Method	Air Cooling	
Dimension	345.5×266.2×120 mm	
Weight	12 kg	

Mechanical Specifications (mm)

