

MFSQ

150/1500W

QCW Fiber Laser



Product Feature



All-fiber Structure

Compact and rugged design for long time operation



Adjustable Pulse Width Waveform

The output waveform can be customized according to different welding or cutting applications



Compact Design, Maintenance Free

Plug and play, higher flexibility when integrated into system



High Level Vertical Integration

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

Characteristic Parameters

Model	MFSQ-150/1500W
OPTICAL SPECIFICATIONS	
CW Mode Max Power	250W
Pulsed Mode Max Power	1500W
Mode of Operation	CW/Modulated
Polarization	Random
Power Tunability	10 to 100%
Wavelength	1080 ± 10 nm
Power Stability	2%
Laser Beam Quality M ²	1.3(20um)
Pulse Energy	15 J
Pulse Duration	0.1~50 ms
Repetition Rate	1~5000 Hz
Preview Red Light Power	100 μW
FIBER DELIVERY SYSTEM	
Interface	QBH (LOC)
Length	10 m standard, other lengths optional
Diameter	20/50 μm
Bending Radius	200 mm
ELECTRICAL RATINGS	
Supply Voltage	220VAC
Rated Power	3 KW
OTHER SPECIFICATIONS	
Operating Temperature	+10 to +40°C
Storage Temperature	-10 to +60°C
Humidity	10 to 85%
Cooling Method	Air Cooling
Dimension	586×420×142 mm
Weight	34 kg

Mechanical Specifications (mm)

