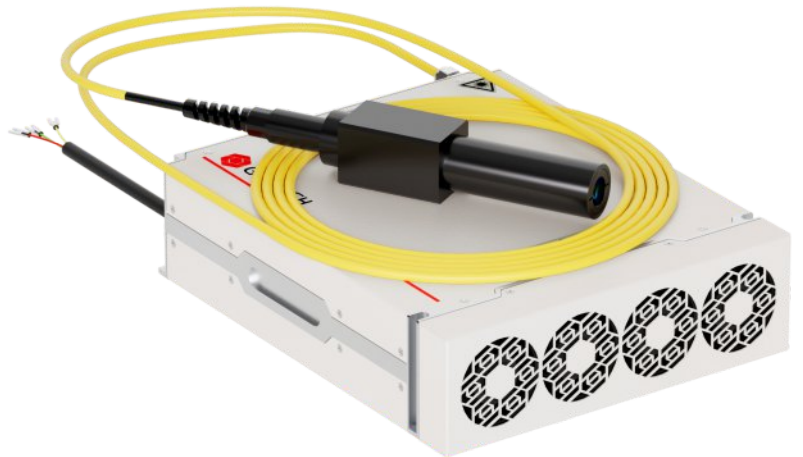


## YFPN-50-GLE

MOPA FIBER LASER - LR03071A  
Data sheet V 1.0

### Features

- » High peak power
- » Large Frequency Range
- » Short pulse setup
- » Optimized optical quality
- » For deep engraving



## TECHNICAL SPECIFICATIONS

Central Wavelength	1060-1080 nm	Spectral width @3dB	<5nm
Output power	50 W	Beam diameter	6-8 mm
Max. pulse energy	1.25 mJ@40kHz	Delivery cable	3 m <sup>(1)</sup>
Range of power	0-100 %	Supply voltage DC	24 V
Repetition frequency	5-100 kHz	Current consumption	<9 A
Pulse width	100-140 ns@40kHz	Power consumption	<216 W
Power instability	<5 %	Operating temperature	0 - 40 °C
Beam quality	<1.8 M <sup>2</sup>	Storage temperature	-10 - 60 °C
Laser switching ON/OFF	<100 µs	Colling method	Air
Net weight	<10 kg	Laser dimension	316.5x260x80 mm

<sup>(1)</sup>Available fiber lengths: 3m / 5m

## YFPN-50-GME

