

## YFPN-200-GMC

MOPA FIBER LASER FOR CLEANING  
Data sheet V 1.0

### Features

- » MOPA Technology
- » TOP-HAT beam
- » Short pulse setup
- » Very competitive price
- » Pulse width modifiable



## TECHNICAL SPECIFICATIONS

Central Wavelength	1060-1080 nm
Output power	200 W
Max. pulse energy	5 mJ
Range of power	0-100 %
Repetition frequency	1-3000 kHz
Full power frequency	40-1000 kHz
Pulse width	10-500 ns
Power instability	<5 %
Beam quality M <sup>2</sup>	<6
Laser switching ON/OFF time	<20 μs
Laser dimension (mm)	435x439x160
QCS dimension(mm)	Ø17x130
Net weight	<35 kg

Spectral width @3dB	<30 nm
Beam diameter	5±1 mm
Delivery cable	5 m
Supply voltage DC	48 VDC
Current consumption	<15 A
Power consumption	<720 W
Operating temperature	0 - 40 °C
Storage temperature	-10 - 60 °C
Colling method	Air

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Pulse width corresponds to the power reduction frequency point and the maximum single pulse energy

Pulse width (ns)	Power reduction frequency (kHz)	Upper frequency limit (kHz)	Max. single pulse energy (mJ)
10	1000	3000	0.2
20	500	3000	0.4
30	350	3000	0.57
40	320	2000	0.63
50	280	2000	0.71
60	250	2000	0.8
80	180	2000	1.11
100	140	1000	1.43
150	90	1000	2.22
200	70	1000	2.88
250	60	900	3.33
350	40	600	4.00
500	40	400	5.00

