

YFPN-200-GMC-H5R

MOPA FIBER LASER FOR CLEANING H5R0505SA
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	Spectral width @3dB	<30 nm
Output power	200 W	Beam diameter	5±1 mm
Max. pulse energy	5 mJ	Delivery cable	5 m
Range of power	0-100 %	Supply voltage DC	48 VDC
Repetition frequency	1-3000 kHz	Current consumption	<15 A
Pulse width	10-500 ns	Power consumption	<720 W
Power instability	<5 %	Operating temperature	0 - 40 °C
Beam quality M ²	<6	Storage temperature	-10 - 60 °C
Laser switching ON/OFF	<20 µs	Colling method	Air
Laser dimension (mm)	435x439x160		
QCS dimension(mm)	Ø17x130		
Net weight	<35 kg		

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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	50	600	4.00
500	40	400	5.00

