

# M1-20S+

- MOPA Technology
- Adjustable Pulse Width
- Brilliant Beam Quality
- Large Frequency Range
- Compact Design



TECHNICAL SPECIFICATIONS:

**M1-20S +**

Central Wavelength	1064 nm
Nominal Output Power	20 W
Beam Quality	$M^2 < 1.3$
Pulse Frequency Range	1 – 1000 kHz
Full Power Frequency	40 – 1000 kHz
Maximum Pulse Energy	0.5 mJ
Pulse Width	6 - 250 ns
Output Beam Diameter	7 mm
Power Tuning Range	0 – 100 %
Polarization	Random
Anti Reflective Coating	Yes

Average Power Instability	< 5%
Fiber Length	2 / 3 / 5 m
Cooling Method	Air
Red Pilot Beam	Optional
Adjustable Pulse Width	Yes
Dimensions W*D*H	315*220*99
Supply DC Voltage [VDC]	24 V
Current Consumption	< 8 A
Power Consumption [20°C]	< 192 W
Operation Temperature	0 – 40 °C
Storage Temperature	-10 – 60 °C