

# M7-20Sc-E

- MOPA Technology
- Brilliant Beam Quality
- Adjustable Pulse Width
- Pulsed and CW Mode
- Very Compact Design



## TECHNICAL SPECIFICATIONS:

### M7-20Sc-E

Central Wavelength	1064 nm
Nominal Output Power	20 W
Beam Quality	$M^2 < 1.4$
Pulse Frequency Range	1 – 4000 kHz
Full Power Frequency	25 – 4000 kHz
Maximum Pulse Energy	0.8 mJ @ 25 kHz
Pulse Width	2 - 350 ns
Output Beam Diameter 1/e <sup>2</sup>	7 mm <sup>1</sup>
Power Tuning Range	0 – 100 %
Polarization	Random
Anti Reflective Coating	Yes
Average Power Instability	< 5%
Typical Lifetime Diodes	100.000 h

Fiber Length	2 m
Cooling Method	Air
Red Pilot Beam	Yes
Adjustable Pulse Width	Yes
House-Keeping-Function	24 V
Dimensions W*D*H	245*200*65 mm
Weight	Approx. 4.5 kg
Supply DC Voltage (VDC)	24 V
Current Consumption	≤ 5 A
Power Consumption (20°C)	≤ 120 W
Operation Temperature	0 – 40 °C
Storage Temperature	-10 – 60 °C

<sup>1</sup> Customized Beam Diameter available from 2,5 to 10,5 mm

<sup>2</sup> Customized Fiber Length available from 2, 3, 5 m



Manufacturer:

**JPT**