

Fiber Laser

CW-500SM-C

- Single-Mode Fiber
- Industrial Performance
- Low Maintenance
- 19" Rack Design
- Water Cooled



TECHNICAL SPECIFICATIONS:

CW-500SM-C

Central Wavelength	1080 nm
Nominal Output Power	500 W
Mode of Operation	CW/modulated
Beam Quality M ² ¹	1.1-1.5
Modulate Frequency	Max. 20 kHz
Polarization	Random
Output	QBH
Average Power Instability	< 1%

¹ Fiber Core Diameters available with 14 µm and 20 µm

² Fiber Length available up to 20 m

Typical Lifetime Diodes	100.000 h
Fiber Length ²	8 m
Cooling Method	Water
Red Pilot Beam	Yes
Dimensions W*D*H	483*516.5*151.5 mm
Weight	36 kg
Supply Voltage	220V AC (1P)
Power Consumption (20 °C)	2000 W
Operation Temperature	10 – 40 °C
Storage Temperature	-10 – 60 °C
Laser Cold Boot Temperature	10 °C



Manufacturer:

JPT