

CW 1064 nm Fiber Laser

High performance Laser with a robust fiber delivery

Licensed from FITEL



Feature

- ✓ Single mode fiber output (TEM 00)
- ✓ CW >20W
- ✓ Linearly polarized

Application

- ✓ Optical tweezers
- ✓ Frequency conversion
- ✓ LIDAR
- ✓ Solder Welding
- ✓ Material characterization

Specification

Wavelength	1064 nm	
Line width	< 0.15 nm	
Output power	> 5W	> 20W
Operation mode	CW	
Delivery fiber length	~ 2.5 m.	
M ²	< 1.2 (TEM00)	
MFD	6.6 um (PM980)	
Output connector	FC/APC (physical contact is not available)	
Polarization	Linear	
Size	260 mm (W) X 149 mm (H) X 330 mm (D)	
Power consumption	< 150 W	
Power supply	AC 100~240V, 3A	
Control	stand-alone or PC(RS232C)	

Option

- ✓ Collimate output
- ✓ Longer delivery fiber (~ 10 m)
- ✓ Longitudinal single mode
- ✓ Customized wavelength (1040~1090nm)

OEM with Low Cost (DC input version) AVAILABLE

OXIDE

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PM CW1064 Fiber Laser (OEM Version)

Licensed from FITEL



Feature

- ✓ Simple configuration
- ✓ Cost effective
- ✓ PM 980 delivery (TEM00)
- ✓ Relatively narrow linewidth
- ✓ Good combination with the wavelength conversion device

Application

- ✓ Light source for Frequency conversion
- ✓ Solder welding
- ✓ Inspection (optical tweezer)
- ✓ Spectroscopic analysis

Specification (LM164)

Wavelength	1064 nm
Line width	< 0.15 nm
Output power	5W, 10W, 20 W
Operation mode	CW
Delivery fiber length	~ 2.5 m
M ²	< 1.2 (TEM00)
MFD	6.6 um (PM980)
Output connector	FC/APC (physical contact is not available)
Polarization	Linear
Size	200 mm X 100 mm X 16 mm
Required power supply (not included in standard version)	DC: 12 V, 10.5 A (for 20W version)

Accessories

- ✓ Collimate output
- ✓ Heat sink
- ✓ DC power supply
- ✓ Customized wavelength (1040~1090nm)
- ✓ Longer delivery fiber (~ 10 m)

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