

# NORTH PHOTONICS

[OEDLS-FC-100]

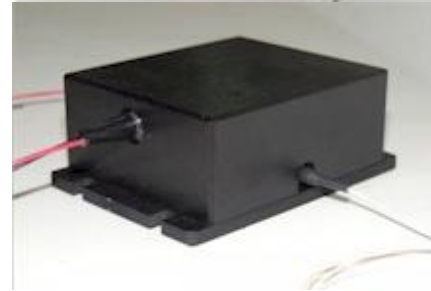
## Fiber Coupled Diode Laser Sources

### Features:

- Ultraviolet to infrared wavelengths
- Stand-alone system or OEM module
- Fiber pigtailed or receptacle type
- SM, PM, MM fiber
- Custom design and fabrication
- High stability, long term reliability
- Easy adjustment

### Applications:

- Photograph/Printing
- Heat treating
- Quick curing of epoxy glue
- Transformation hardening
- Laser hyperthermia photodynamic studies
- DNA analysis
- Contact cutting, ablation
- Coagulation necrosis
- Tissue welding/fusion



OEDLS-FC-100

### Product description:

A full line of fiber coupled diode laser source is available at North Photonics LLC. Fiber coupled diode laser source has been widely used in sensor, instrumentation, biomedical and other industry application. The coupled fiber can be single mode, multimode or PM fibers. Off the shelf and custom made solutions are available from UV to MID-IR wavelength range. Our fiber coupled diode laser source is coming with three different enclosures. By using our new coupling technology, our fiber coupled diode laser source has high coupling efficiency, easy adjustment, high stability, and long term reliability.

Parameter	Unit	OEDLS-FC-100
Output power	W	Up to 20
Center Wavelength	nm	200-2000
Bandwidth	nm	0.1 to 3
Connector	-	FC/PC, FC/APC, SMA
Fiber type	-	SM, PM, MM
Display	-	Drive current (optional)
Power supply (Turn Key)	-	110-120 VAC/60 Hz, 220-240VAC/50Hz
Power supply (OEM)	-	5VDC
Operating temperature	°C	15-40
Size (Turn Key)	mm	250 x 255 x 110
Size (OEM)	mm	60 x 110 x 30

- All specifications are subject to change without notice.

**North Photonics LLC. L240, CESTM, 251, Fuller Road, Albany, NY, USA, 12203**  
Email: [sales@northphotonics.com](mailto:sales@northphotonics.com), Website: [www.northphotonics.com](http://www.northphotonics.com)

# NORTH PHOTONICS

Ordering number:

<b>OEDLS-FC-100-WL-P-XXX:</b>	WL	P	XXX
	Wavelength (nm)	Average power (mW)	TRK: Turn-key OEM
Example:	OEDLS-FC-100-780-20-TRK		