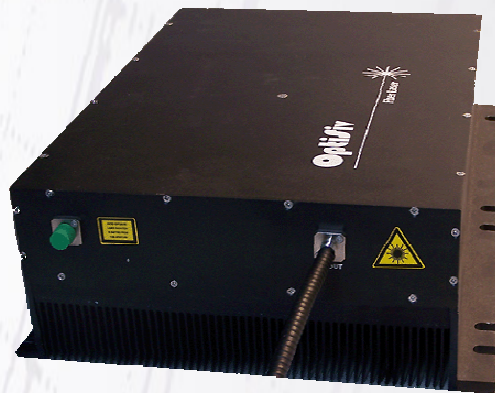


## **CW Fiber Laser Products**



**CWFL-2000**  
**2-micron CW Fiber Lasers**

**CWFL-1060**  
**1-micron CW Fiber Lasers**

**CWFL-1550**  
**1.5-micron CW Fiber Lasers**

## **CWFL-2000 Series**

### **CW 2-micron Fiber Laser**

Optisiv **CWFL-2000 Series** is maintenance-free, single-mode CW fiber lasers in the 1900-2100 nm wavelength regime, offering an attractive alternative to the bulk Ho:YAG lasers. The high beam quality, high power levels, compact size, and air-cooled design offer superb performances for medical, defense, and scientific applications.

#### **Key Features:**

- Up to 30W average power
- Single-mode operation
- Compact size
- Air-cooled package
- Maintenance free operation

#### **Applications:**

- Medical
- Pollution control
- Defense
- Frequency conversion
- R&D



***A flexible, diverse portfolio, for custom laser systems*** - Optisiv prides itself on providing its customers with total freedom of choice when it comes to purchasing a fiber laser solution.

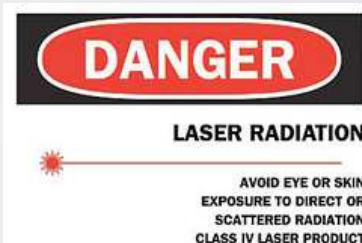
## CWFL-2000 Series

### Technical Specifications

Parameter	Units	CWFL-2000-10	CWFL-2000-20	CWFL-2000-30
Center Wavelength	nm	1900-2100 (fixed)		
Mode of Operation		CW or Modulated		
Min. Average Power	W	10	20	30
Spectral Width	nm	<1		
Beam Quality, M <sup>2</sup>		<1.1		
Polarization		Random		
Modulation BW	kHz	5	3	3
Output fiber length	m	1-2		
Operating Temp.	°C	0-40		
Storage Temp.	°C	-20-70		
Operating Voltage	VDC	24		
Max. Power Consumption	W	150	300	400
Dimensions	mm	205(w)x340(d)x140(h)		

### Options

- Linear polarization
- Direct modulation
- Red aiming beam



## **CWFL-1060 Series**

### **CW 1-micron Fiber Laser**

Optisiv **CWFL-1060 Series** is maintenance-free, diode-pumped CW fiber lasers in the 1030-1080 nm wavelength regime. The high beam quality, high power levels, high efficiency, compact size, and air-cooled design offer superb performances for material processing, marking, and cutting applications.

#### **Key Features:**

- Up to 50W average power
- Single-mode operation
- Compact size
- Air-cooled package
- >25% wall-plug efficiency
- Maintenance free operation

#### **Applications:**

- Material processing
- Marking
- Cutting



***A flexible, diverse portfolio, for custom laser systems*** - Optisiv prides itself on providing its customers with total freedom of choice when it comes to purchasing a fiber laser solution.

## CWFL-1060 Series

### Technical Specifications

Parameter	Units	CWFL-1060-10	CWFL-1060-30	CWFL-1060-50
Center Wavelength	nm	1030-1080 (fixed)		
Mode of Operation		CW or Modulated		
Min. Average Power	W	10	30	50
Spectral Width	nm	<1	<1	<3
Beam Quality, M <sup>2</sup>		<1.1		
Polarization		Random		
Modulation BW	kHz	5		
Output fiber length	m	1-5	1-5	1-3
Operating Temp.	°C	0-40		
Storage Temp.	°C	-20-70		
Operating Voltage	VDC	24		
Max. Power Consumption	W	60	150	250
Dimensions	mm	205(w)x340(d)x140(h)		

### Options

- Linear polarization
- Direct modulation
- Red aiming beam



#### LASER RADIATION



AVOID EYE OR SKIN  
EXPOSURE TO DIRECT OR  
SCATTERED RADIATION  
CLASS IV LASER PRODUCT



## **CWFL-1550 Series**

### **CW 1.5-micron Fiber Laser**

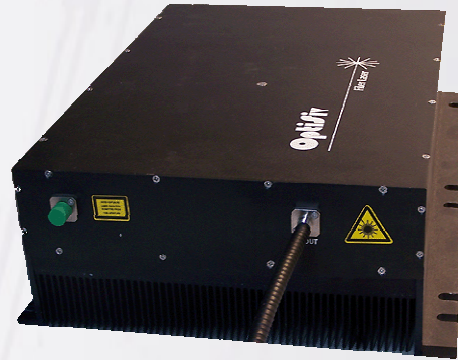
Optisiv **CWFL-1550 Series** is maintenance-free, diode-pumped CW fiber lasers in the 1530-1570 nm wavelength regime. The high beam quality, high power levels, compact size, and air-cooled design offer superb performances for medical, marking, and micromachining applications.

#### **Key Features:**

- Up to 10W average power
- Single-mode operation
- Compact size
- Air-cooled package
- Maintenance free operation

#### **Applications:**

- Medical
- Marking
- Micromachining
- Frequency conversion



***A flexible, diverse portfolio, for custom laser systems*** - Optisiv prides itself on providing its customers with total freedom of choice when it comes to purchasing a fiber laser solution.

## **CWFL-1550 Series**

### **Technical Specifications**

<b>Parameter</b>	<b>Units</b>	<b>CWFL-1550-10</b>
Center Wavelength	nm	1530-1570 (fixed)
Mode of Operation		CW or Modulated
Min. Average Power	W	10
Spectral Width	nm	<1
Beam Quality, M <sup>2</sup>		<1.1
Polarization		Random
Modulation BW	kHz	5
Output fiber length	m	1-3
Operating Temp.	°C	0-40
Storage Temp.	°C	-20-70
Operating Voltage	VDC	24
Max. Power Consumption	W	100
Dimensions	205(w)x340(d)x140(h)	

### **Options**

- Linear polarization
- Direct modulation
- Red aiming beam

