

2 Micron CW Fiber Laser Module

AP-CW1-MOD

Applications:

- Plastic materials processing
- Laser surgery
- Aesthetic medicine

Features:

- Customizable operating wavelength
- Adjustable output power
- Output modulation capability
- Near diffraction limited beam quality
- Turn-key control unit available



Optical Characteristics:

Parameter	Specification
Operating mode	CW or modulated
Operating wavelength	1950 nm (option: 1900-2100 nm)
Wavelength accuracy	±5 nm nominal
Output power	10 W (higher or lower power available)
Power adjustment	10-100% max.
Spectral linewidth	< 1 nm
Beam quality, M ²	< 1.1
Output polarization	Random (option: linear polarization)
Output modulation	Up to 1 kHz
Output isolator	Option available
Aiming beam	Option available
Output delivery	Fiber collimator or SMA connector

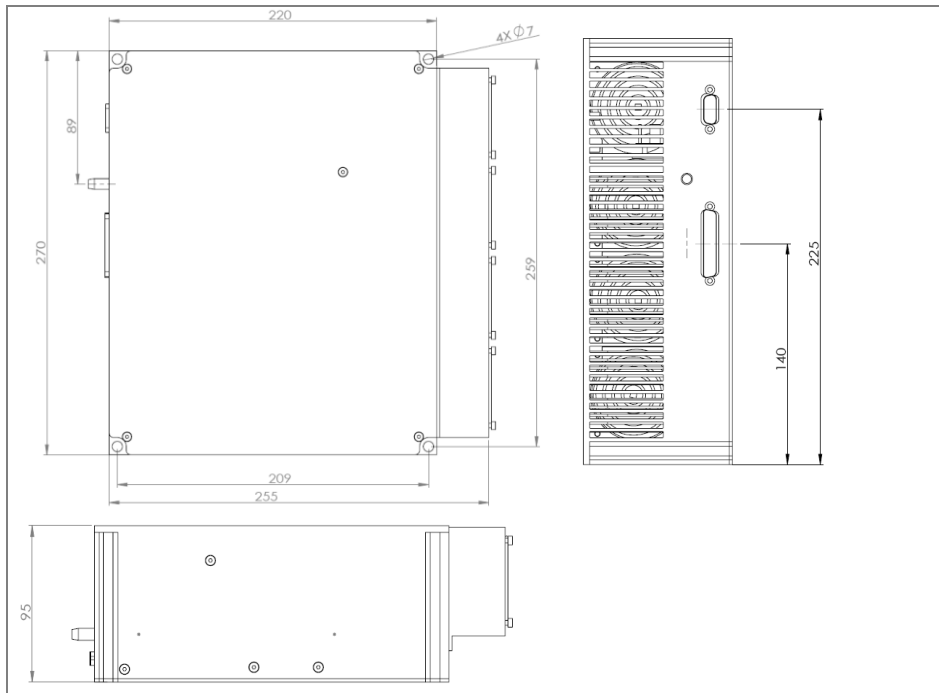
(For special requirement, please contact AdValue Photonics for options.)

Specifications subject to change without notice

General Characteristics:

Parameter	Specification
Operating current	13 A (nominal)
Operating voltage	24 V (nominal)
Modulation control signal	TTL
Operating temperature	10-30 °C
Storage temperature	-10 to +70 °C
Warm-up time	10 minutes
Package dimensions	270(W) x 255(D) x 95(H) mm

Mechanical Outline:



Ordering Information:

Part Number:	AP-CW1-	MOD	-	xxxx	-	xx	-	xx
				Standard Wavelength: 1950 = 1950 nm Custom Wavelength: xxxx = xxxx nm		Output Power: 02 = 2 W 05 = 5 W 10 = 10 W		Polarization: RP = random polarization LP = linear polarization

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