AdValue Photonics
Innovative & Reliable

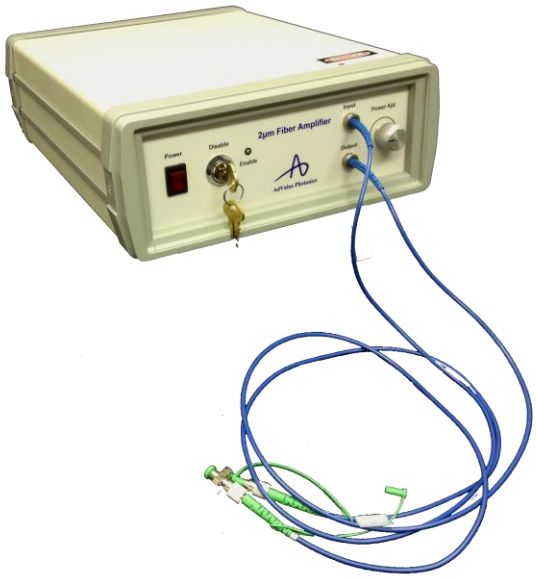
2 Micron Fiber Amplifier

AP-AMP

With their compact size, high efficiency, low maintenance, and ease of use, AdValue Photonics' 2μm fiber amplifiers provide many advantages over traditional bulk Holmium and Thulium solid state systems.

Applications:

- LIDAR
- Gas sensing
- Mid-IR generation
- Spectroscopy
- Test and measurement
- Research & development



Features:

- Wide wavelength range
- Adjustable power level
- Near diffraction limited beam quality
- Turn-key system with no maintenance required

Optical Characteristics:

Parameter	Specification
Gain wavelength	1900-2100 nm options
Output power	200 mW (higher or lower power available)
Power adjustment	10-100% max.
Output power stability	±5% (8 hours at 25 °C)
Beam quality, M^2	< 1.1
Output polarization	Random (option: linear polarization)
Input/Output fiber	SMF-28 single mode fiber, 3 mm jacket, 1 m length, FC/APC connector

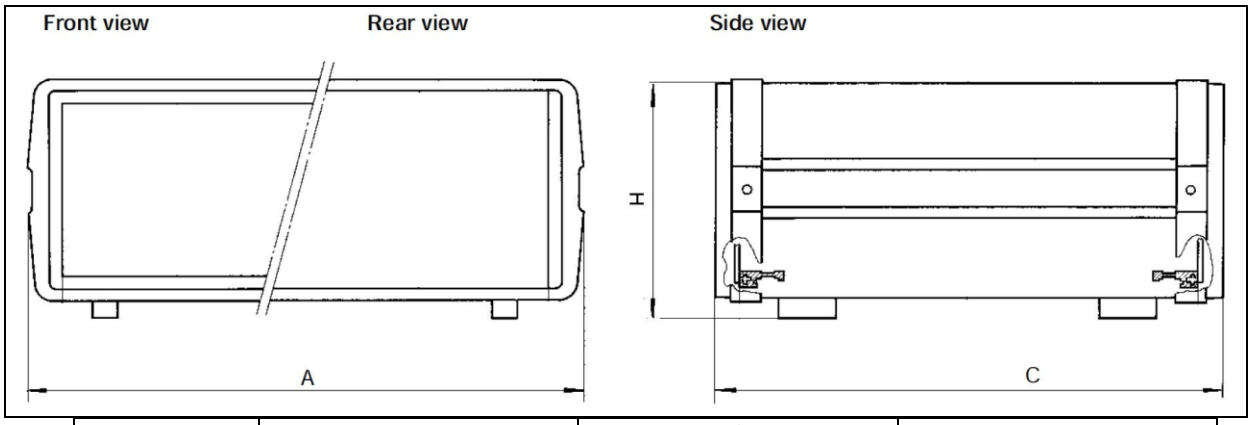
(For special requirement, please contact AdValue Photonics for options.)

Specifications subject to change without notice

General Characteristics:

Parameter	Specification
Operating temperature	10 to +35 °C
Storage temperature	-10 to +70 °C
Cooling	Forced air
Power requirement	AC 100~240V (50/60Hz)
Warm-up time	10 minutes
Package dimensions	260(W) x 340(D) x 105(H) mm
Weight	4.2 kg

Mechanical Outline:



	A	C	H
mm	260	340	105
Inch	10.24	13.39	4.13

Ordering Information:

Part Number:	AP-AMP	-	xxxx	-	mxxx	-	xx
			Wavelength: xxxx = xxxx nm		Output Power: m200 = 200mW		Polarization: RP = random polarization LP = linear polarization

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