

# THPOA-SFP1

## 1064nm Single Frequency Polarization Maintaining, High Power Optical Amplifier

### Application

- ▶ Test & Measurement
- ▶ Atom Trapping

### Features

- ▶ High Output Power, up to 15W
- ▶ User friendly Table top
- ▶ Narrow Linewidth Amplification



Parameter		THPOA-SFP1370	THPOA-SFP1400	THPOA-SFP1417
Wavelength	[nm]		1064-1080	
Output Power	[W]	5	10	15
Output Power Tunability	[%]		10 ..100	
Mode of Operation			CW	
PER	[dB]		15	
Polarization			Linear	
Output Power Stability	[%]		3	
Optical Output Isolator		Yes	Yes	No
Optical Input Isolation	[dB]		30	
Input Power	[mW]		1.0 .. 15.0	
Input Signal Linewidth	[kHz]		2.0 .. 10.0	
Power Supply Voltage	[V]		AC 100-240	
Operating Temperature	[°C]		15 .. 30	
Optical Connector			FC/APC, Collimator, others	
Optical Fiber type			3mm armored cable	
Dimensions	[U]	2U	3U	3U
Communication Interface			RS-232 via USB	

### Ordering Information

Custom variants are available upon request, please contact our customer service to discuss your specification requirements.

GUI available on request

