

# THPOA-1

## 1 $\mu\text{m}$ Band, Ultra High Power Optical Amplifier

### Applications

- ▶ LIDAR,
- ▶ Industrial
- ▶ Multiple Laser Combination

### Features

- ▶ High Output Power, up to 40 Watts
- ▶ Low Noise Figure
- ▶ Single or Multiple Output Ports



### Parameter

Parameter		Parameter Range
Wavelength	[nm]	1030 / 1053 / 1064 ... 1100
Output Power	[dBm]	Up to +46
Input Power Range	[dBm]	-8 ... +15
Noise Figure	[dB]	5.5
Polarization		Random / Linear
Stability	[%]	2
Optical Isolation	[dB]	30
Return Loss	[dB]	40
Fiber Termination / Connector		SC/APC, FC/APC, others
Power Supply Voltage	[V]	AC 100 - 240
Power Consumption	[W]	< 200
Operating Case Temperature	[°C]	0 ... +70
Communication Interface		RS232 / GUI

### Mechanical Dimensions

### Ordering Information

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

Graphic User Interface.



Specifications are subject to change without notice