

THPOA-1

1 μm 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 Range

Parameter	Unit	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
PDG	[dB]	0.5
PMD	[ps]	0.5
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