

# HPOA-1.5

## 1.55 $\mu\text{m}$ High Power Optical Amplifier

### Applications

- ▶ Telecom
- ▶ Free Space Communication
- ▶ LIDAR

### Features

- ▶ High Output Power, up to 5W
- ▶ Compact Package
- ▶ Digital Control System

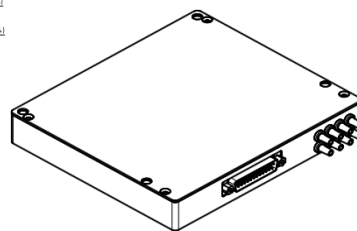
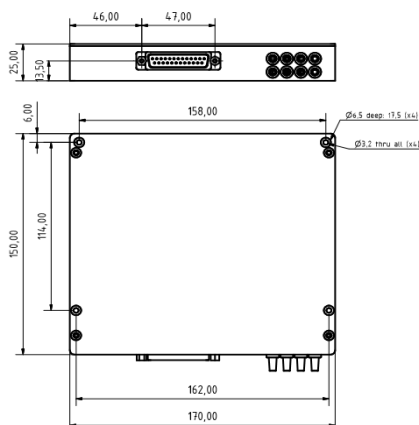


### Parameter

### Parameter Range

Parameter	Unit	Parameter Range
Wavelength	[nm]	1540 ... 1565
Output Power	[W]	Up to 5
Input Power Range	[dBm]	-10 ... +15
Noise Figure	[dB]	<5.5
Polarization		Random / Linear
Stability	[%]	<2
Optical Isolation	[dB]	30
Return Loss	[dB]	40
Fiber Termination / Connector		FC/APC, Collimator, others
Power Supply Voltage	[V]	+5 / +24
Power Consumption	[W]	<50
Operating Case Temperature	[°C]	-5 .. 65
Communication Interface		RS-232

### Mechanical Dimensions



### Ordering Information

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

Evaluation board available on request



Specifications are subject to change without notice