



# HPOAS

## 1.5 μm High Power Optical Amplifier Space Grade

- Free Space Communication

► **High Output Power, up to 5W**



### KEY SPECIFICATIONS

Wavelength [nm]	1535 to 1565	Polarization	Random / Linear
Output Power [dBm]	Up to 37	Power Consumption [W]	< 50
Input Power Range [dBm]	-10 to +10	Power Supply Voltage [V]	24
Gain [dB]	≥ 40	Fiber Length [cm]	30
Noise Figure [dB]	< 7	Output Termination	Collimator , FC/APC
Output Power Stability [%]	< 2	Operating Case Temperature [°C]	-10 to 65
Optical Isolation [dB]	30	Communication Interface	RS-232
Return Loss [dB]	40	Dimensions [mm]	182×150×30

#### CERTIFICATION AND COMPLIANCE

The module complies with the European low voltage directive 2006/95/EC as elaborated by standard EN 60950-1 and with the directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS).

#### ORDERING INFORMATION

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