



# GOA2S

## 1.5 $\mu\text{m}$ Generic Optical Amplifier Space Grade

- Free Space Communication

- **Output Power, up to 10mW**
- **Digital Control System**



### KEY SPECIFICATIONS

Wavelength [nm]	1535 to 1565	Polarization	Random / Linear
Output Power [dBm]	Up to 10	Power Consumption [W]	< 5
Input Power Range [dBm]	-60 to -25	Power Supply Voltage [V]	5
Gain [dB]	40	Fiber Length [cm]	30
Noise Figure [dB]	4.5	Output Termination	Collimator , FC/APC
Output Power Stability [%]	< 2	Operating Case Temperature [°C]	0 to 65
Optical Isolation [dB]	30	Communication Interface	RS-232
Return Loss [dB]	40	Dimensions [mm]	90×70×25

#### 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.