



GOAS

1.5 μm High Power Optical Amplifier Space Grade

- Free Space Communication

- **High Output Power, up to 1.3W**
- **Digital Control System**



KEY SPECIFICATIONS

| | | | |
|----------------------------|--------------|---------------------------------|---------------------|
| Wavelength [nm] | 1535 to 1565 | Polarization | Random / Linear |
| Output Power [dBm] | Up to 31 | Power Consumption [W] | < 15 |
| Input Power Range [dBm] | -5 to +15 | Power Supply Voltage [V] | 5 |
| Gain [dB] | 30 | Fiber Length [cm] | 30 |
| Noise Figure [dB] | < 6 | 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] | 90×70×15 |

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.