

GOA-B

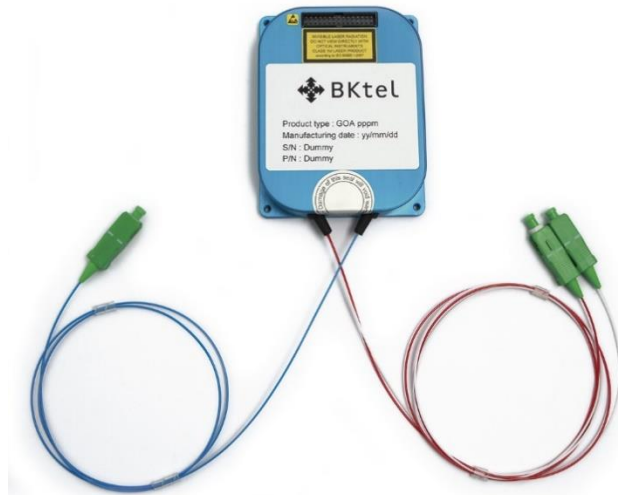
Bidirectional Optical Amplifier

Applications

- ▶ Long-Haul
- ▶ Metro and Access Networks
- ▶ Transmission on single fiber

Features

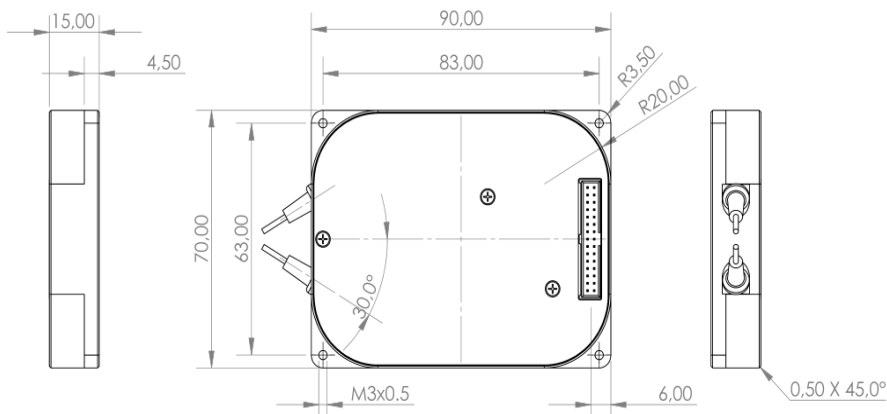
- ▶ High Gain, up to +23dB
- ▶ Low Noise Figure
- ▶ Multi Source Agreement Compliant



Parameter

Parameter		Parameter Range
Wavelength	[nm]	1530 ... 1562
Output Power	[dBm]	+17
Input Power Range	[dBm]	-15 ... +10
Noise Figure	[dB]	5.0
PDG	[dB]	0.3
PMD	[ps]	0.5
Optical Isolation	[dB]	30
Return Loss	[dB]	40
Fiber Termination / Connector		SC/APC, FC/APC, others
Power Supply Voltage	[V]	+3.3 / +5
Power Consumption	[W]	< 25
Operating Case Temperature	[°C]	0 ... +50
Communication Interface		RS232 / I2C

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