

GOA-LF

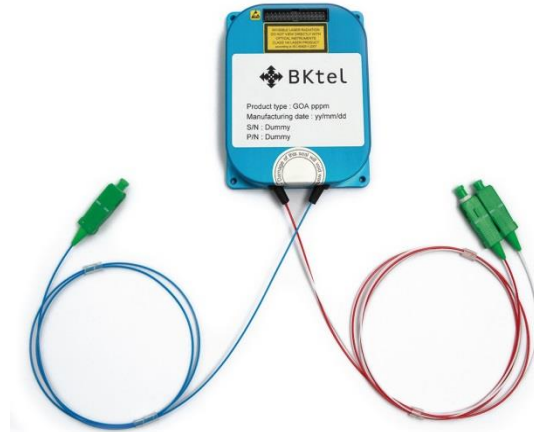
Fixe Gain, L-Band Optical Amplifier

Applications

- ▶ Long-Haul, Metro and Access Networks
- ▶ Single Channel Networks
- ▶ Test & Measurement

Features

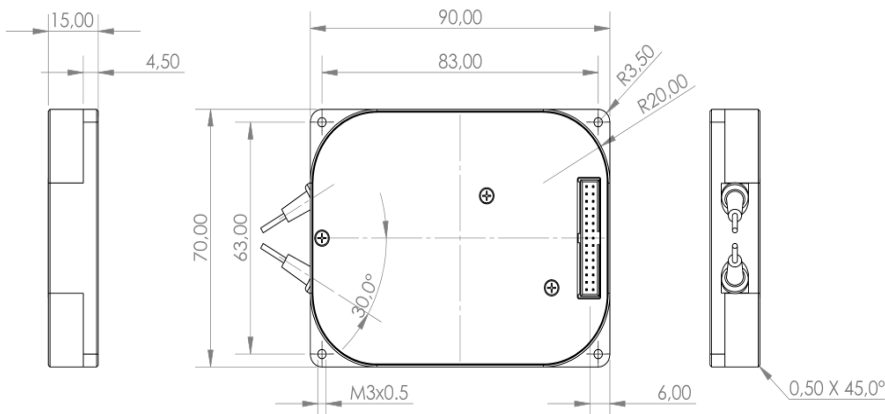
- ▶ Compact MSA compliant package (70 x 90 x 15 mm)
- ▶ Low Noise Figure
- ▶ Gain Flattened Spectrum (<1 dB)



Parameter

Parameter		Parameter Range
Wavelength	[nm]	1570 ... 1605
Output Power	[dBm]	Up to 30
Input Power Range	[dBm]	-14 ... +12
Noise Figure	[dB]	6.0
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 ... +70
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