

CGOA2-1.5

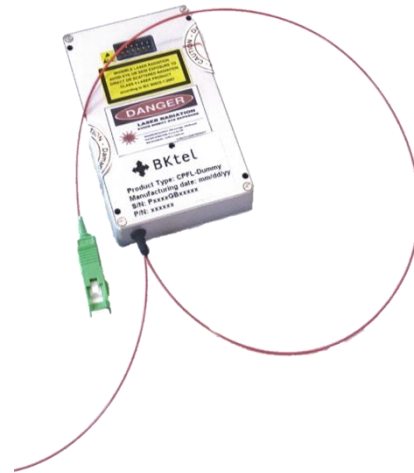
Compact Amplification Module for LIDAR

Applications

- ▶ LIDAR, Advanced Driver Assistance System, 3D Scanning, LIDAR for drones,
- ▶ Short Pulse Time of Flight measurement
- ▶ Light Weight device for handheld equipment, airborne or drone.

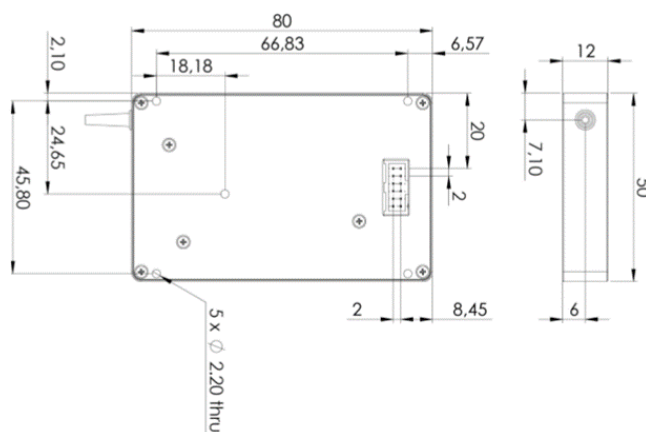
Features

- ▶ High pulse energy.
- ▶ Low Power Consumption.
- ▶ Compact housing



Parameter		Parameter Range
Wavelength	[nm]	1535 ... 1564
Output Power	[W]	Up to 1.5
Gain	[dB]	>50
Noise Figure	[dB]	5.5
Polarization		Random / Linear
Optical Isolation	[dB]	30
Return Loss	[dB]	40
Fiber Termination / Connector		SC/APC, FC/APC.... Collimator
Power Supply Voltage	[VDC]	+5, +12, +24
Power Consumption	[W]	20
Operating Case Temperature	[°C]	-20 ... 65 (extendend range available)
Mechanical Dimensions	[mm]	50x80x12
Communication Interface		RS232 TTL

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