

# CPFL2

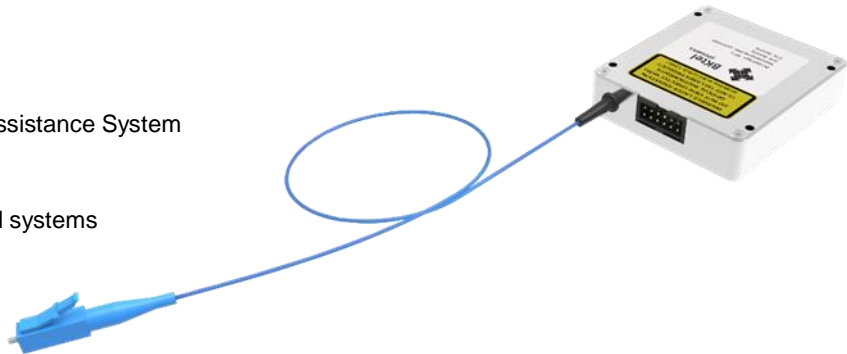
## Light Weight Laser Module for LIDAR

### Application

- ▶ LIDAR TOF, Advanced Driver Assistance System
- ▶ Rangefinder Binoculars
- ▶ Light Weight device for handheld systems

### Features

- ▶ High pulse energy.
- ▶ Low Power Consumption.
- ▶ Eye-safe Wavelength



### Parameter

### Parameter Range

Parameter		Parameter Range
Center Wavelength	[nm]	1530 ... 1564
Wavelength Drift	[nm/°C]	0.1
Laser Peak power	[kW]	up to 5
Laser Output Power, average	[W]	up to 1
Pulse Width	[ns]	0.2 ... 5
Pulse Energy	[μJ]	up to 25
Repetition rate	[kHz]	5 ... to MHz
Pulse Timing		External trigger, TTL / LVDS
Mechanical Dimensions	[mm]	50x40x15
Power Supply Voltage	[VDC]	+3.3 / +5
Polarization		Random
Operating Case Temperature	[°C]	-40 ... +65
Output Fiber length	[cm]	30
Output Beam Quality		Single-mode
Output Termination		Collimator, FC/APC, ...
Power Consumption	[W]	17
Communication Interface		RS-232 / I2C

### Ordering Information

Custom variants are available upon request, please contact our customer service to discuss your specification requirements  
 Evaluation board available upon request



Specifications are subject to change without notice