

# CPFL-1.5t

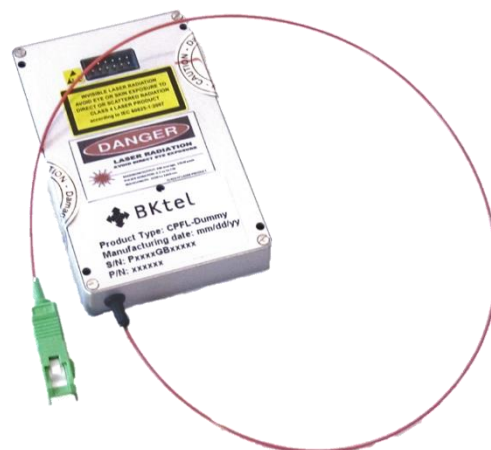
## 1550nm Ultra Compact Pulsed Fiber Laser

### Applications

- ▶ Pulsed Light source for LIDAR applications
- ▶ 3D-scanning
- ▶ Autonomous driving

### Features

- ▶ Low power consumption
- ▶ Ultra Compact package (70x50x15 mm)
- ▶ Eye-safe Wavelength



### Parameter

### Parameter Range

Parameter		Parameter Range
Center Wavelength	[nm]	1540 ... 1560
Wavelength Drift	[pm/°C]	0.1
Laser Peak power	[kW]	5
Laser Output Power, average	[mW]	up to 150
Pulse Width	[ns]	0.4 ... 50
Pulse Energy	[μJ]	~ 5
Repetition rate	[kHz]	5 ... to MHz
Pulse Timing		External trigger, TTL / LVDS
Mechanical Dimensions	[mm]	70x50x15
Power Supply Voltage	[VDC]	+5 / +12 / +24
Polarization		Random / Linear
Operating Case Temperature	[°C]	-40 ... +65
Output Fiber length	[cm]	30
Output Beam Quality		Single-mode
Output Termination		Collimator, FC/APC, ...
Power Consumption	[W]	< 10
Communication Interface		RS-232 / TTL

### 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