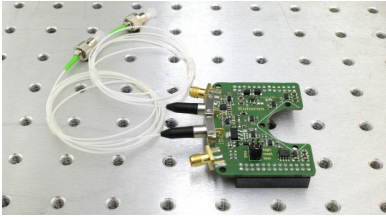


# LBRP2 - Laser Board for the Red Pitaya



Koheron laser board for the Red Pitaya features a 1550 nm DFB laser and a 60 MHz photodetector. Combine it with the FPGA and the 125 MSps ADCs and 125 MSps DACs of the Red Pitaya, to develop embedded, low-power fibered photonic instruments.

## Specifications

	<b>LBRP2</b>
Laser power	0 - 3 mW
Laser linewidth	6 MHz
Modulation gain	1, 5, 25 mA/V
Modulation bandwidth	From DC up to 10 MHz
Photodetector coupling	AC
Photodetector gain	100 kV / A
Photodetector bandwidth	60 MHz