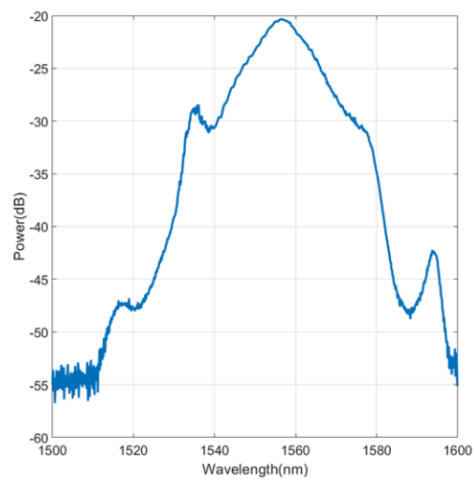
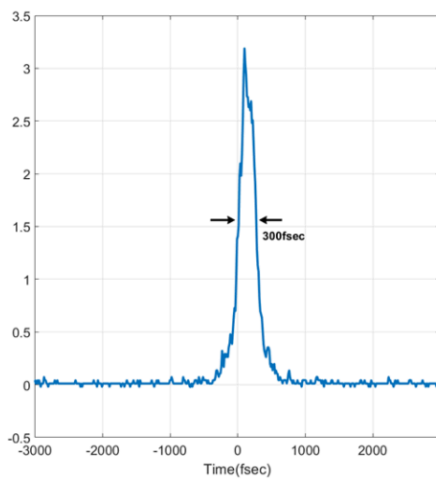


Femtosecond laser

Partow femto second laser system uses an all-fiber robust construction approach. The system uses a nonlinear polarization rotation method to achieve extremely short pulses. No moving part is used in the system. The pulses are transform limited. Depending on the application Partow provides two different systems. One with a low power and one with high power.



Femto-second laser, P/N: L-1550-THz-D-400-B

Femto laser datasheet

Parameter	Low power	High power
Laser Power	10 (mW)	30 (mW)
Operating Wavelength	1550 (nm)	1550 (nm)
Pulse duration	300 fsec	300 fsec
Response rate	100 MHz	100 MHz
peak power		
Interrogator dimension	300x260x134(mm)	300x260x134(mm)
Interrogator weight	2 (kg)	2.5 (kg)
Interrogator output	FC/APC	FC/APC
Input power	110-220 volt, 50-60 Hz	110-220 volt, 50-60 Hz