

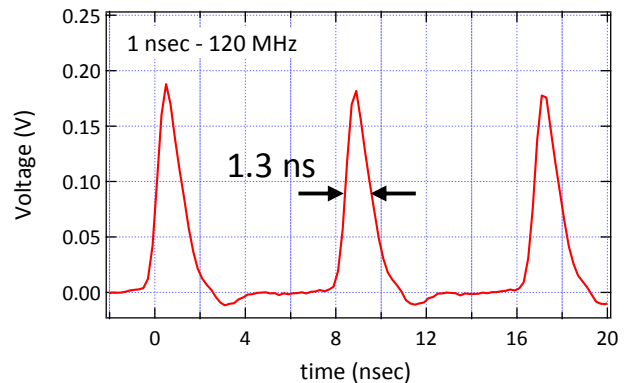
1 ns-Pulse Wide-Band SOA

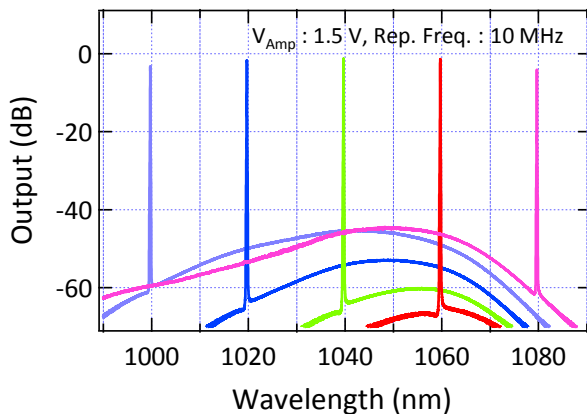
- **Wavelength Coverage** : 920 ~ 1000 nm, 980 ~ 1090 nm
- **1 ns Fourier Limit Pulse** (50 ps pulse sharper option)
- **Maximum Peak Power** : 1.5 W
- **High Extinction Ratio** : > 70dB @ 1 MHz
- **Pulse "on demand"** : up to 125 MHz Int./Ext. trigg. and Built-in Delay 10 ns – 10 ps



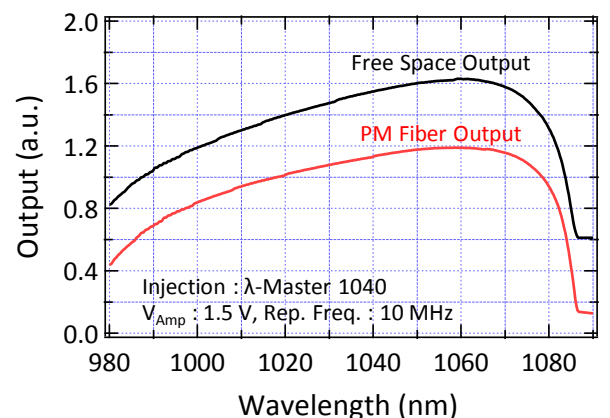
λ-Impulse Head



Time Profile of Pulse Output



Output Spectra



Injection Wavelength Dependence



Spectra Quest Lab. Inc