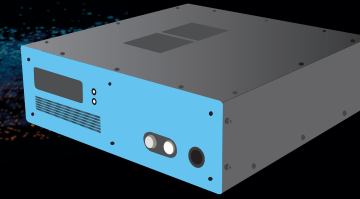


Comparison Matrix



Chromacity Near-IR OPO



Supercontinuum Sources

Wavelength	<input checked="" type="checkbox"/> Tunable 1.4 - 4 μm	Wavelength is fixed
Average power (per nm)*	<input checked="" type="checkbox"/> No less than 70 mW/nm in the signal, down to 2 mW/nm in the idler	No greater than 4 mW/nm
Pulse duration	<input checked="" type="checkbox"/> 1-5 ps	<10 ps
Repetition frequency	100 MHz	Up to 100 MHz
Beam parameter (M^2)	Generally <1.3**	<input checked="" type="checkbox"/> Typically <1.1 - 1.2
Footprint (size/weight)	Similar footprint	Similar footprint
Cooling system	Air cooling	Air cooling
Installation	<input checked="" type="checkbox"/> Minimal set-up required with remote installation capability	Variety of installation options available
Port	Free space or fiber coupled	Fiber coupled

Superior Performance

Comparison is between lasers used for similar types of application

* Based on a repetition frequency of 100 MHz when tuned to max signal output power

** Approximation subject to revision with datasheet updates

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chromacitylasers.com/ultrafast-lasers/chromacity-opo/

“The engineering team helped us by understanding our specifications and delivering an OPO system with a customised fiber coupling module. The software for controlling the OPO was also modified for our requirements. The team have been highly responsive with all of our enquiries and the remote installation worked perfectly. We had the system up and running and ready to use in our experiments in no time at all.”