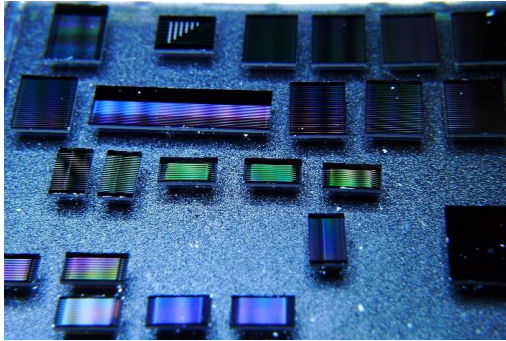


Packaged Supercontinuum-Generation Waveguides

Summary: Octave Photonics provides packaged nonlinear nanophotonic waveguides for supercontinuum generation with pulsed lasers. These devices allow low-pulse-energy, broad-bandwidth supercontinuum generation with plug-and-go simplicity.



Specification	SC-1560-780	SC-Custom
Input pulse wavelength	~1560 nm	~1000 to 2000 nm
Input pulse energy	>150 pJ	>100 pJ
Output spectral range	~750 to 2000 nm	Customizable
Dispersive wave peak	780 nm	Customizable, 600 to 2500 nm
Input	PM1550 fiber	PM Fiber
Input connector	FC/APC	FC/APC, FC/PC, or similar
Output	PM780 fiber	Fiber or free space
Output Connector	FC/APC	Fiber or lens
Dimensions (excluding fibers)*	50x25x12 mm	Customizable
Thermoelectric cooler (TEC)	Optional	Optional
Maximum average power (with TEC)	<2 Watts	<4 Watts**
Operating temp. (with TEC)	-20 to 60 C	0 to 40 C

*Dimensions subject to change. Contact Octave Photonics to discuss your requirements.

**Maximum average power depends on the wavelength, pulse duration, and waveguide geometry.

