

Electro IR NIR-SWIR Supercontinuum Source

Electro -100-IR Electro -250-IR Electro -2000-IR



Optical specifications

Spectral bandwidth	min	< 900 nm	< 900 nm
	Max	> 2800 nm	> 2800 nm
Total average power		> 500 mW	> 1.3 W
Seed repetition rate ⁽¹⁾		~ 100 kHz	~ 250 kHz
Timing jitter		< 20 ns	
Seed pulse width		~ 1 ns	< 100 ps
Power stability ⁽²⁾		+/- 1 %	+/- 2 %
Spatial mode		Singlemode TEM00	
Polarization state		Unpolarized	
Output connection		FC/APC Collimator (~ 0.7 meter armored cable)	

OPTIONS

- Collimated output
Lens or achromatic broadband collimator
- Free-running version
Internal clock TTL trigger signal generator.
- Minimum wavelength down to 700 nm

Other specifications

Control interface	Front panel and RS232	Front panel
Operating temperature	+5°C to +40°C non condensing	
Weight	< 8 kg	
Dimensions (LxWxH) ⁽³⁾	483x250x134 mm	
Power requirements	100-240V, 50/60Hz	

(1) Fixed repetition rate.
TTL input trigger signal with 50% duty cycle.

(2) Typical value of long-term stability for total average power.

(3) Custom OEM packaging available upon request.

