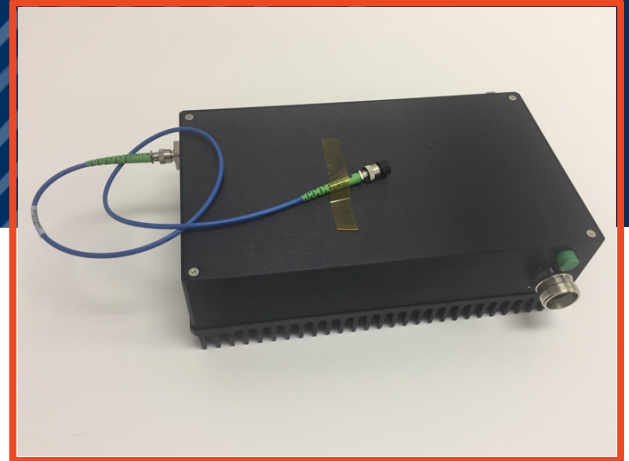


Laser

T-Ray® 5000



The 32027-013 Laser assembly is the source of the ultra-short optical pulses that trigger generation and detection of the high bandwidth terahertz pulses of the T-Ray® 5000 Control Unit (TCU). Once mounted in the TCU, the laser can operate from 0 to 50 °C.

Parameter	Specification	Units
Average Power	120	mW
Pulse Repetition Rate	100	MHz
Pulse Duration	100	fs
Size (W x H x D)	25 x 16 x 7.5	cm
Wavelength	1064	nm
Operating Temperature	0 - 50	°C
Operating Lifetime	>5	years
Warranty	1	year