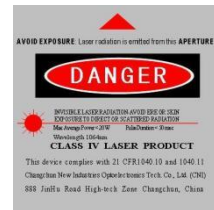


MIL-PS-2910~4235/1~2000mW

LD PUMPED ALL-SOLID-STATE MID-IR LASER AT 2910~4235nm

The series of MIL-PS laser provide a sub-nanosecond pulsewidth and an output power of about max 2000mW, which has high peak power and high repetition rate. The customer can order any wavelength range in the list. It is widely used in spectroscopy, remote sensing, medical, etc.



SPECIFICATIONS

Wavelength (nm)	2910	3205	3440	3640	3810	3967	4000	4235
Wavelength deviation (nm)	±10							
Operating mode	pulse							
Output power (mW)	>1, 100, 200, ...2000			1000	600	60		
Power stability (rms, over 4 hours)	<1%, <3%							
Pulse duration (ps)	<700@15MHz							
Rep.rate	15MHz							
Beam divergence, full angle (mrad)	<3				<3			
Beam diameter at the aperture (1/e ² ,mm)	<10				<8			
Warm-up time (minutes)	<10							
Operating temperature (°C)	15~30							
Expected lifetime (hours)	10000							
Warranty period	1 year							