

**Diode pumped CW „eye-safe“ laser**

CW series of diode-pumped, solid-state laser models that delivers up to 500 mW of continuous wave power at 1522 nm, 1531 nm, 1550 nm or 1602 nm.

These erbium doped gain media based economical, air-cooled lasers provide a unique combination of high performance, exceptional lifetime and outstanding reliability.





Model	CW-0.5-1520	CW-0.5-1531	CW-0.5-1550	CW-0.5-1602
Wavelength, nm	1522	1531	1550	1602
Wavelength tolerance, nm	±1			
FWHM, nm	<1			
Output power, mW	>500			
Beam divergence, full angle, mrad	<9			
Beam profile	TEM ₀₀			
Polarization ratio	unpolarized	linear, > 100:1		
Power instability, % (1 hour)	<1			
Laser head dimensions WxHxL, mm	80x90x180			
Cooling	TEC + air cooling			
Operation temperature, °C	+15 ... +25			

