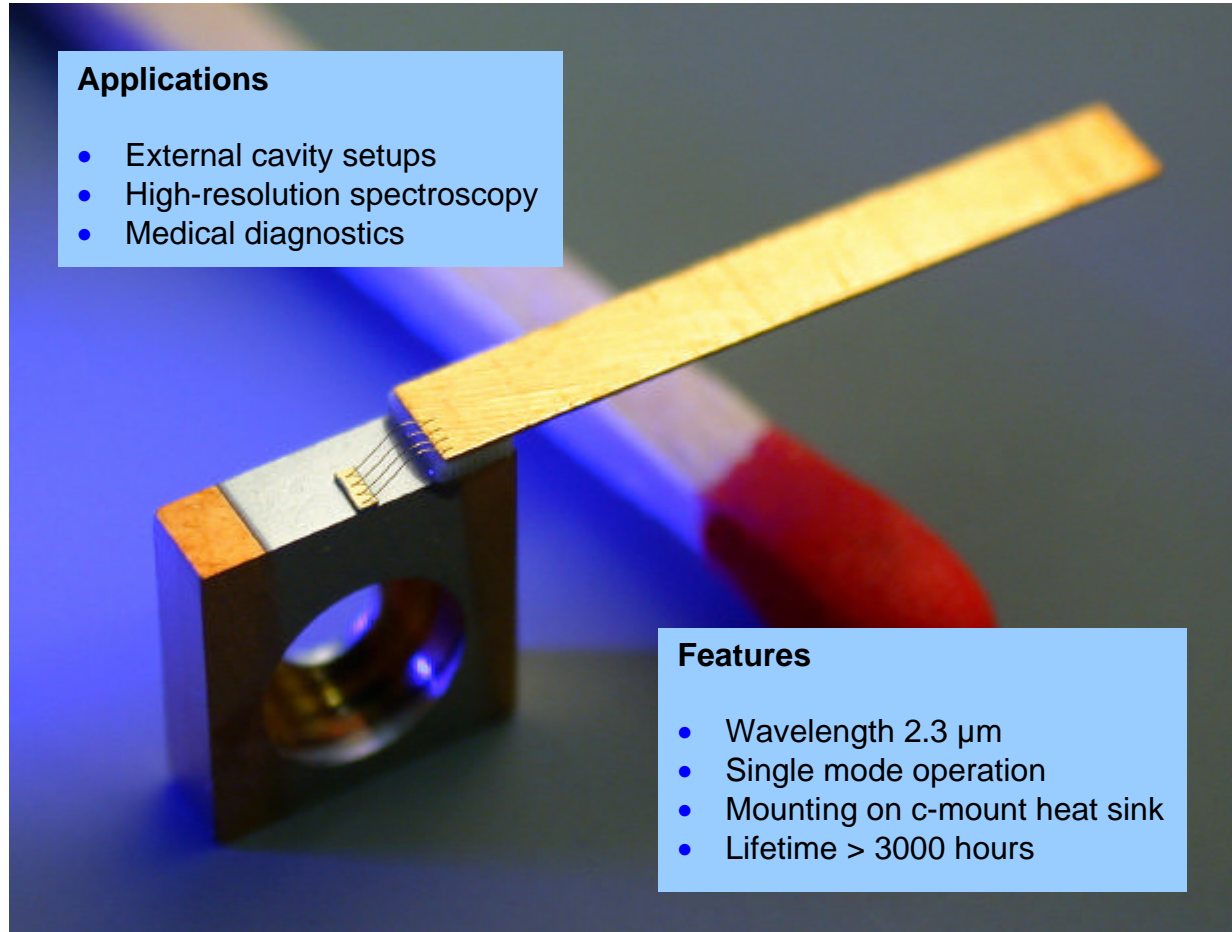


GaSb based ridge-wave guide diode lasers



Applications

- External cavity setups
- High-resolution spectroscopy
- Medical diagnostics

Features

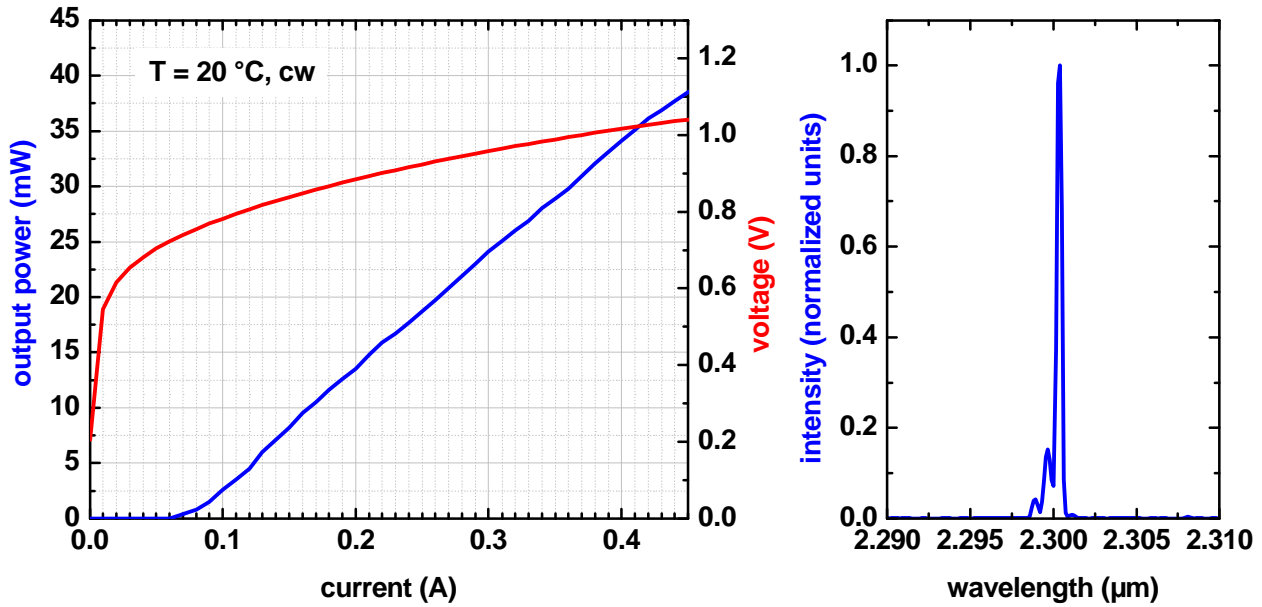
- Wavelength 2.3 μm
- Single mode operation
- Mounting on c-mount heat sink
- Lifetime > 3000 hours

Characteristics of RW_2300_SE diode lasers

(all measurements have been done at 20 °C in cw operation)

Parameter	Min	Typ	Max	Unit
Emitting dimension (WxH)		6x1		μm^2
Cavity length		1		mm
AR Reflectivity ⁽¹⁾		5		%
HR Reflectivity ⁽¹⁾		95		%
Peak Wavelength		2.3		μm
Operating Output Power		30	35	mW
Operating Forward Current	350	400	450	mA
Operating Forward Voltage		1	1.25	V
Threshold current	60	70	80	mA

⁽¹⁾ optionally other coatings are offered on request



Package Information

Package	Thickness	Unit
C-Mount	1	mm
others	on request	

