



- ▶ Gain chip for Vertical-External-Cavity Surface-Emitting Laser
- ▶ For R&D laser systems
- ▶ Broad coverage of wavelengths in stock and custom items on request
- ▶ High power
- ▶ Delivered factory-mounted on VEXLUM or customer heatsink

Wavelength	910–1260 nm + 1950–2100 nm, 7xx–8xx nm in development
CW power	1–20 W
Tuning	Typical ~10 THz around the center wavelength
Usable chip area	Typical ~1.5 mm in diameter
Antireflection coating	Delivered coated (IBS), or on request without coating
Required pump laser	Typically 808 nm or 980 nm diode (640 nm or 532 nm for 7xx–8xx nm)
Efficiency	Typically 25–40% optical-to-optical
Cooling	Delivered factory-mounted on heatsinks provided by VEXLUM (cooling assembly example below) or by the customer

