



- ▶ Turn-key VECSEL system (Vertical-External-Cavity Surface-Emitting Laser)
- ▶ Broad wavelength coverage at near infrared
- ▶ Single-frequency
- ▶ Tunable
- ▶ Excellent beam quality

Wavelength	910–1260 nm + 1950–2100 nm. In development: 7xx, 8xx and 13xx nm
CW power	1–4 W
Tuning	Typical ~10 THz around the center wavelength
Locked linewidth	~100 kHz (FWHM, 40 ms beatnote with 1120 nm fiber laser)
Beam quality	$M^2 < 1.2$
Frequency locking	Readiness with cavity piezo
VECSEL head size	320 mm x 190 mm x 100 mm (L x W x H)
System includes	VECSEL head VALO Control Unit for CW operation, 19"-rack installable Low vibration chiller (water to air heat-exchanger), 19"-rack installable

