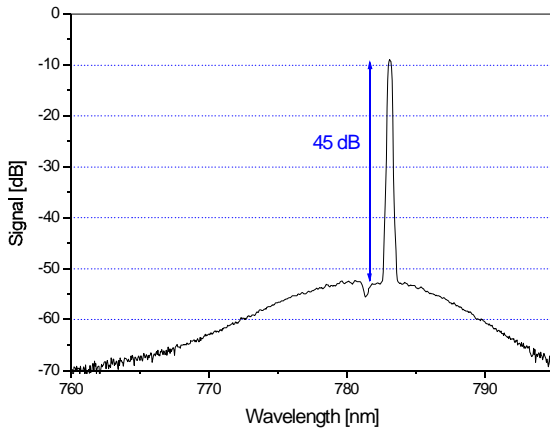


DFB/DBR **L A S E R**

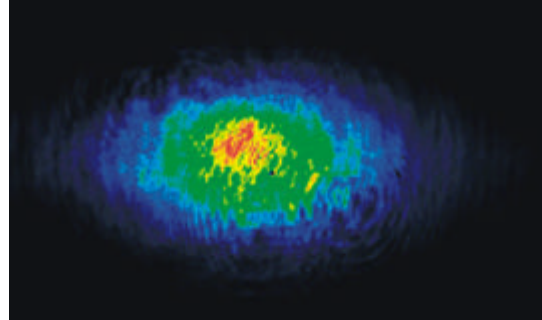
DFB and DBR diode lasers
highly stable wavelength
sources for industrial application



 **More Power ...**
more stability



DFB Laser Beam Profile



Typical Values:

- 100mW at 784nm
- 100mW at 1064nm
- 80mW at 1083nm

Specifications

Output Power	Free Beam Version	> 50 .. 150 mW
Available Wavelengths		763, 773, 780, 784, 860, 923, 1064, 1083 nm 1338, 1580, 1665, 1742, 1872, 2004, 2330 nm
Wavelength Precision		0.1 nm
Linewidth		< 10MHz, typ. 5MHz
Side Mode Supression		> 45 dB
Beam Divergency		21° .. 35° perpendicular, 8° .. 10° parallel (typical values)
Wavelength Tuning (total)		2nm (temperature tuning)
Wavelength Tuning (mode-hop free)		2nm (DFB, temperature tuning), 100GHz (DBR, current tuning)
Output Polarization		p - polarized (763 .. 784nm), s - polarized (860 .. 1083nm)
Laser Mount		9mm TO Mount (DFB), or TO3 (DBR, DFB with Peltier Cooler)
Further Information		Http://www.sacher-laser.com/DFBInfo.php/

Application

*Highly Stable
Laser Light Source*

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