

Photonics



CW Light Source - Distributed feedback (DFB) lasers -

FEATURES

- * Semiconductor-based distributed feedback (DFB) lasers for telecom and spectroscopy applications
- * Available wavelengths range between 1260 nm and 2350nm
- * High Power or Narrow Linewidth models are available

APPLICATIONS

- * Telecommunications (DWDM, CWDM)
- * Test and measurement
- * Fiber optic sensors
- * Near - IR gas analysis
- * Tunable diode laser absorption spectroscopy (TDLAS)

Products Lineup/Model Number

CW-DFB modules

	Wavelength(nm)	Power	
		10mW	20mW
O-band	1260-1360	NLK1B5EAAA	NLK1B5GAAA
E-band	1360-1460	NLK1E5EAAA	NLK1E5GAAA
S-band	1460-1530	NLK1S5EAAA	NLK1S5GAAA
C-band	1530-1565	NLK1C5EAAA	NLK1C5GAAA
L-band	1565-1625	NLK1L5EAAA	NLK1L5GAAA
U-band	1625-1675	NLK1U5EAAA	(NLK1U5FAAA) (15mW)

* TO-Can PKG are also available

* Longer wavelength (1675-2350 nm) LDs are also available. Please contact us for details.

CW-DFB modules (High Power)

	Wavelength(nm)	Power	
		30mW	40mW
O-band	1260-1360	NLK1B5HAAA	NLK1B5JAAA
C-band	1530-1565		NLK1C5JAAA

CW-DFB modules (narrow linewidth)

	Wavelength(nm)	Power	
		<500kHz	<100kHz
C-band	1530-1565	NLK1C6BAAA	NLK1C6DAAA

* Special model (< 70kHz) is also available. Please contact us for details.