



DFB Lasers

Features

- ITU wavelength and high output power is optional
- Line width options: <10MHz, <1MHz, <200KHz
- Built-in optical isolator
- Multiple operating modes are available
- Module package、desktop package

Applications

- Laser distance measurement
- Seed light source
- Optical fiber communication
- Optical sensing system

Parameters



Parameter	Symbol	Min	Typ	Max	Unit
Operating wavelength	λ	852/1064/1310/1550/1653/2000			nm
Output optical power	P _o	-	13	16	dBm
3dB spectral width	DI*	0.2	2	10	MHz
SMSR	SMSR	30	45		dB
Relative noise intensity	RIN		-160	-150	dB/Hz
Power stability**	PSS			±0.005	dB/5min
	PLS			±0.01	dB/8h
Output isolation	ISO	30	35		dB
Specification		Desktop		Module	
Dimensions L x W x H		320×220×90 mm		90×70×18 mm	
Power requirements		AC 220V ± 10% 30W		DC +5V GND	
Output optical fiber		SMF/PMF			
Operating mode		CW、 internal modulation ,external signal modulation			
Optical connector		FC/PC , FC/APC or user specified			