

High Power DFB Laser for SIPh Coupling

Description

A high power, narrow linewidth in MHz level Distributed feedback (DFB) laser with fiber output power exceeding 120mW. Optional wavelengths in CWDM bands: 1270nm, 1290nm, 1310nm and 1330nm.



Features

- High Power DFB Lasers
- Output power > 120mW
- Linewidth: MHZ
- 14PIN butterfly package, other packages can be customized upon request
- Wavelength: 1270nm,1290nm,1310nm,1330nm

Laser work condition		
	Maximum	Unit
Voltage	2	V
Laser drive current	500	Ma
Laser working temperature	0	deg.
Laser storage temperature		deg.
Monitor Detector Reverse Bias	10	V
Monitor detector current	20	mA
TEC current	2.5	A

Parameter		
Threshold current	13	Ma
Output optical power	120mW	Mw
Center wavelength	1270	nm
	1290	nm
	1310	nm
	1330	nm
Spectral linewidth	2	MHz
Side-Mode Suppression Ratio	35	Db
TEC current	2.5	A
TEC voltage	4.8	V
Thermistor Group Value (25°C)	10	kΩ
Reflective isolation	30	dB

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