

DFB Optical Source



Applications

Optical fiber component manufacture & test
Optical communication system test

Features

High stable output power
Narrow spectrum ,single longitudinal mode output

Specifications

Parameters	DFB
Central wavelength (nm)	ITU wavelength in telecom wavelength ITU grid (C and L band)
-3dB spectrum width (HZ)	<10M
Output power (dBm)	0~20
Short term stability ¹ (dB)	< ±0.005dB/5 min
Long term stability ² (dB)	< ±0.01dB/8 hour
Operating mode	CW, Internal modulate, external modulate
Fiber pigtail	SM-28 Fiber or PM fiber
Output connector	FC/PC, FC/UPC or FC/APC
Operating temperature(°C)	0 ~ 40
Storage temperature(°C)	-20 ~ 70
Power supply	AC 110/220V ± 10%, 50Hz, 20W
Dimensions (L×W×H mm)	320×220×90 or 90×70×20

1. Test condition: fixed temperature, CW.
2. Test condition: temperature variation ±2°C, CW.

Ordering Information

OS	Type Of Laser Diode	Type	Operating Wavelength	Power	Connector
	D=DFB-LD L=LED F=FP P=Pump S=SLED M-Multi-mode	M=Module D=Desk-top	131=1310nm 155=1550nm 1315=1310 & 1550nm etc	00=0dBm 10=10dBm 20=20dBm	FC/UPC FC/APC

