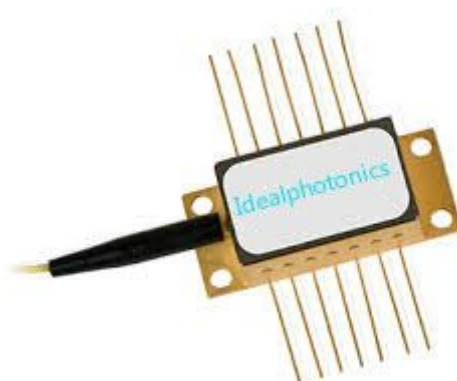


1180 nm medium power SLD modules



Feature

Flat spectrum with very small Fabry-Perot modulation depth
Maximum parasitic secondary coherence subpeaks intensity below -20 dB (10 log)

Application

optical sensing
optical coherence tomography
optical measurements

Packages:

fiber coupled – Butterfly

Additional & customized:

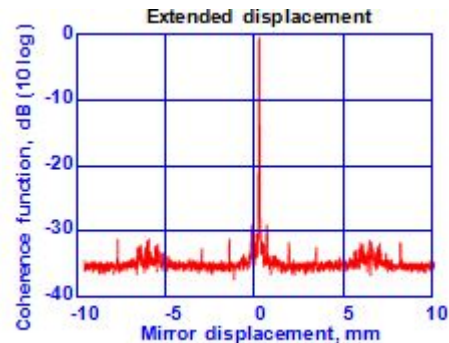
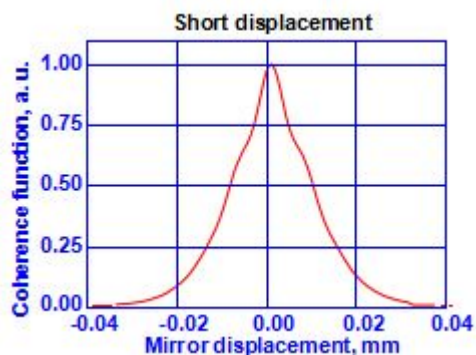
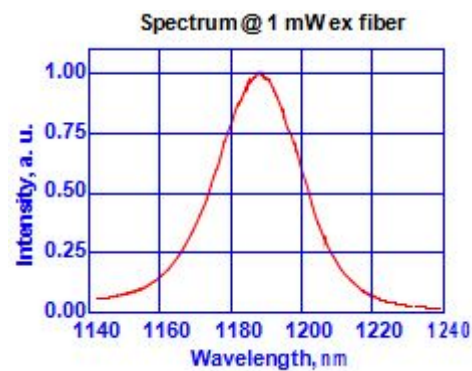
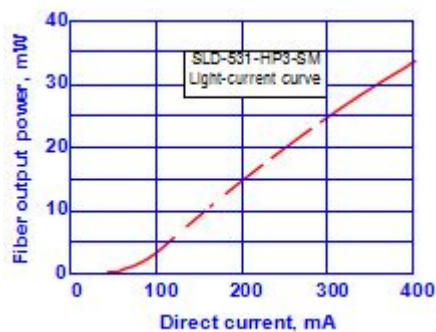
- PD monitors
- FC/APC terminated pigtailed
- SM or PM pigtailed (polarized or pseudo-depolarized output emission ex PM fiber)

Specification

Paramete	Min	Typ.	Max
Output power ex SM fiber, mW	0.75	1.0	-
Forward current, mA	-	550	650
Forward voltage, V	-	1.8	2.2
Peak wavelength, nm	-	1180	-
Spectrum width, nm	25	30	-
Residual spectral modulation depth, %	-	2.0	5.0

Secondary coherence subpeaks, dB (10 log)	-	-25	-20
Polarization ratio	-	3.0	-
Operating temperature (case), °C	-55	-	+60
Cooler current, A	-	-	2.5
Cooler voltage, V	-	-	3.8

PERFORMANCE EXAMPLES



Ordering Information :

SLD-551-MP-(c)-(d)-(e),

where:(c) – package type,(d) – SM (isotropic) or PM (polarization maintain), (e) – PD (monitoring photodiode).

Example: SLD-551-MP-DBUT-SM-PD.