

Features:

- medium power modules, three power categories,
- flat spectrum with very small residual Fabry-Perot modulation depth
- maximum -30 dB (reflectivity) parasitic secondary coherence subpeaks,

Packages: DIL, BUT; others on request

Additional & customized:

- PD - monitors
- PM fiber pigtailed, polarized or Lyot-depolarized output
- FC/APC terminated pigtailed

Specifications

(Nominal Emitter Stabilization Temperature +20°C)

Parameter	Category	Min	Typ	Max
Output power ex SM fiber, emitter @ +20 °C, SLD-561-MP modules	MP1	0.35	0.5	-
	MP2	0.75	1.0	-
	MP3	1.5	2.0	-
Forward current, mA	MP1	-	-	200
	MP2	-	-	300
	MP3	-	-	300
Forward voltage, V	All	-	1.6	2.0
Peak wavelength, nm	All	1270	1300	1330
Spectrum width*, FWHM, nm	All	30	40	-
Residual spectral modulation depth, %	All	-	2.0	5.0
Secondary coherence subpeaks** (Reflectivity), dB	All	-	-40	-30
Operation temperature range (case), °C,	MP1	-55	-	+80
	MP2,3	-55	-	+70
Cooler current, A	All	-	-	1.2
Cooler voltage, V	All	-	-	3.5

(* > 40 nm upon request)

(**Devices with secondary coherence subpeaks < -40 dB are available upon request)

Following marking should be used for **ORDERING**:

SLD-561-(b)-(c)-(d)-(e)

Where:

b = power category (MP1...MP3)

c = package type

d = SM (isotropic) or PM (polarization maintain) fiber (pigtailed versions only)

e = PD (if PD monitor is required)

Example: SLD-561-MP2-DBUT-SM

All specifications are subject to change without notice

Applications:

- fiberoptic gyros
- fiberoptic sensors
- optical coherence tomography
- optical measurements

PERFORMANCE EXAMPLES

