

Features:

- available from 1440 nm to 1610 nm!
- low cost medium power modules, three power categories
- flat spectrum with negligible residual Fabry-Perot modulation depth

Packages: DIL, BUT, others on request

Additional & customized:

- PD - monitors
- PM fiber pigtailed, polarized/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-76-MP fiber pigtailed	MP1	0.35	0.5	-
	MP2	0.75	1.0	-
	MP3	1.5	2.0	-
Forward current, mA	All	-	-	300
Forward voltage, V	All	-	1.6	2.2
Peak wavelength*, FWHM, nm	All	1440-1610		
Spectrum width**, nm	All	40	45-70	
Residual spectral modulation depth, %	All	-	2.0	5.0
Secondary coherence subpeaks (10 log), dB	All	-	-40	-
Operation temperature range (case), °C	All	-55	-	+70
Cooler current, A	All	-	-	1.2
Cooler voltage, V	All	-	-	3.5

* each specific wavelength is subject for availability

** depending on peak wavelength, please ask for details

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

SLD-761-(b)-(c)-(d)-wavelength

Where:

b = power category (MP1, MP2 or MP3)

c = package type

d = SM (isotropic) or PM (polarization maintain) fiber

wavelength: required peak wavelength

Example: SLD-761-MP2-DBUT-SM-1480

Attention: peak wavelength is guaranteed within ±10 nm upon specified. Each specific wavelength may be subject for availability

All specifications are subject to change without notice.

Applications:

- fiberoptic gyros
- fiberoptic sensors
- optical coherence tomography
- optical measurements
- testing WDM/DWDM components

PERFORMANCE EXAMPLES

