

Features:

- **Very broad spectrum, 65 nm FWHM**
- Flat spectrum with very small Fabry-Perot modulation depth
- Maximum -20 dB secondary coherence subpeaks

Applications:

- Optical sensing
- Optical measurements

Packages: DIL, BUT; others on request

Additional & customized:

- PD monitors
- PM fiber pigtails, polarized or pseudo-depolarized* output
- FC/APC terminated pigtails

* Light is launched into the fiber with its polarization oriented at 45° to the birefringent axes.

Specifications (Nominal Emitter Stabilization Temperature +20 °C)

Parameter	Min	Typ.	Max
Output power ex SM fiber, mW	1.5	2.0	-
Forward current, mA	-	-	320
Forward voltage, V	-	-	2.2
Peak wavelength, nm	1370	1390	1410
Spectrum width, nm	60	65	-
Residual spectral modulation depth, %	-	2.5	5.0
Secondary coherence subpeaks, dB (10 log)	-	-25	-20
Operating temperature (case)*, °C	-55	-	+75
Cooler current, A	-	-	1.2
Cooler voltage, V	-	-	3.5

* butterfly packaged modules

Attention: Spectrum peak at 1390 nm is not guaranteed if not specially requested!

The following part numbers should be used when **ordering**:

SLD-661-MP-(c)-(d)-(e),
where:

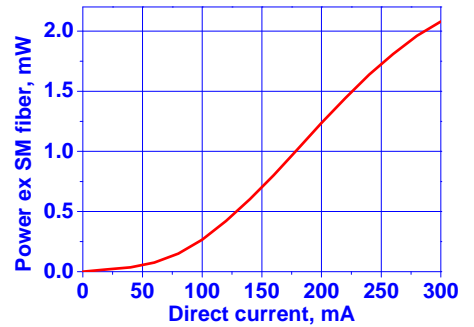
- (c) – package type,
- (d) – SM (isotropic) or PM (polarization maintain),
- (e) – PD (monitoring photodiode).

Example: SLD-661-MP-DBUT-SM-PD.

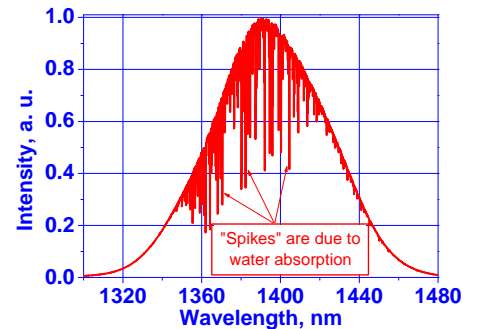
All specifications are subject to change without notice.

PERFORMANCE EXAMPLES

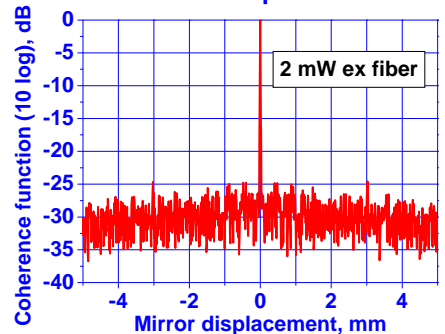
SLD-661-MP-SM light-current curve



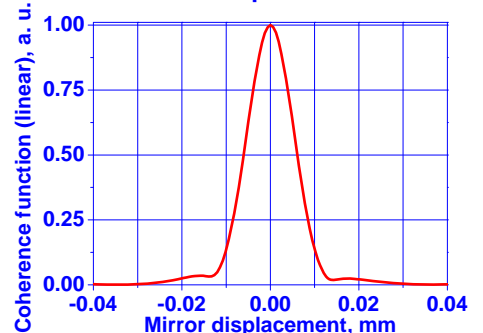
Spectrum, linear plot. 661-MP @ 1390 nm



Extended displacement



Short displacement



Mirror displacement = Optical path difference / 2