

Features:

- miniature uncooled package, only 10 × 4 × 8 mm frame size, excellent for miniaturization of fiberoptic gyros and other sensors
- up to 0.5 mW ex SM fiber from -55 to +70 °C
up to 0.25 mW ex SM fiber from -55 to +85 °C
- flat spectrum with residual Fabry-Perot modulation depth of below 5%
- PM fiber coupled versions are available

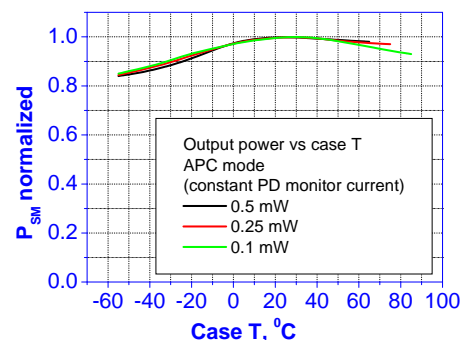
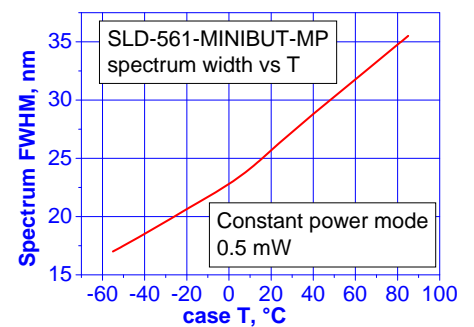
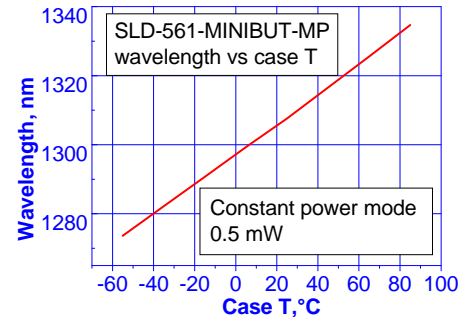
Specifications:

Parameter	Min	Typ.	Max
Output power ex SM fiber (case @+25 °C), mW	1.0	-	-
Output power ex SM fiber (case @ +70 °C), mW	0.5	-	-
Output power ex SM fiber (case @ +85 °C), mW	0.25	-	-
Forward current, mA	-	-	250
Forward voltage, V	-	-	2.0
Peak wavelength* (case @+25 °C), nm	1270	1300	1330
Spectrum width, FWHM** (case @ +25 °C), nm	20	25	-
Residual spectral modulation depth at 0.5 mW SM fiber output, %	-	-	5.0
Residual spectral modulation depth at 1.0 mW SM fiber output, %	-	-	10.0
Slow / fast polarization ratio (PM polarized modules)**, dB	7.0	-	-
Operating temperature (case), °C	-55	-	+85
Storage temperature, °C	-55	-	+85

* Peak wavelength is not guaranteed to be 1300 nm, unless explicitly requested by the customer.

** Specified at full power.

PERFORMANCE EXAMPLES



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

SLD-561-MP-MINIBUT-(c),

where:

(c) – fiber type (SM or PM).

Example: SLD-561-MP-MINIBUT-SM.

All specifications are subject to change without notice.