

Features:

- 30 dB fiber-to-fiber optical gain
- 15 dBm ASE power with very low spectral ripple
- 35 nm -3-dB gain spectrum width

Package: butterfly (DBUT)

Additional & customized:

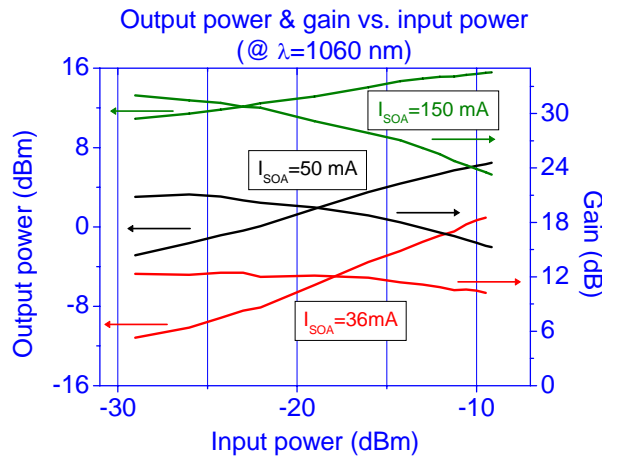
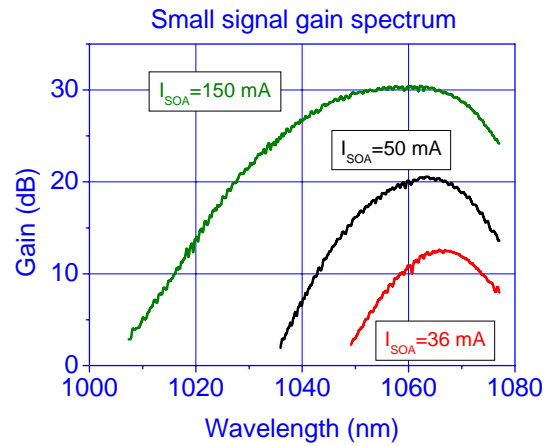
- PM-fiber pigtails
- FC/APC-terminated pigtails

Specifications

(nominal emitter stabilization temperature is +25 °C)

Parameter	Typ.	Max.
Forward current, mA		350
Forward voltage, V		2.5
ASE output power ex SM fiber ($P_{in}=0$), dBm	15.0	
Central wavelength λ_c , nm	1060	
-3-dB optical gain bandwidth, nm	35	
Gain ripple, dB	<0.1	
Small signal gain, dB	30	
Saturation output power, dBm	15	
Polarization dependent gain, dB	>10	

PERFORMANCE EXAMPLES



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

SOA-532-(a)-(b),
 where:
 a – package type (DBUT)
 b – fiber type (SM or PM).

Example: SOA-532-DBUT-SM.

All specifications are subject to change without notice.