

Features:

- more than 20 dB fiber-to-fiber optical gain
- 7 dBm ASE power while keeping very low spectral ripple
- 50 nm gain bandwidth (-3 dB)

Package: butterfly (DBUT)

Additional and customized:

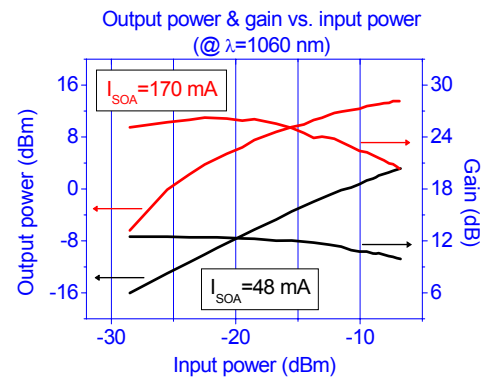
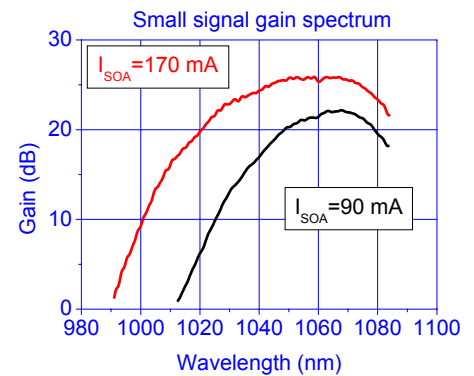
- PM fiber pigtails
- FC/APC terminated pigtails

Specifications

(Nominal Emitter Stabilization Temperature +25 °C)

Parameter	Typ.	Max.
Forward current, mA		300
Forward voltage, V		2.2
ASE output power ex SM fiber ($P_{in}=0$), dBm	7.0	
Central wavelength λ_c , nm	1060	
-3 dB optical gain bandwidth, nm	50	
Gain ripple, dB	0.1	
Small signal gain, dB	25	
Saturation output power, dBm	12	
Polarization dependent gain, dB	>10	

PERFORMANCE EXAMPLES



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

SOA-522-(a)-(b),
 where:
 a – package type (DBUT),
 b – fiber type (SM or PM).

Example: SOA-522-DBUT-SM.

All specifications are subject to change without notice.