

Features:

- fiber-to-fiber optical gain of more than 25 dB
- output power of up to 15 dBm
- -3 dB optical gain bandwidth of up to 40 nm

Package: Butterfly (DBUT)

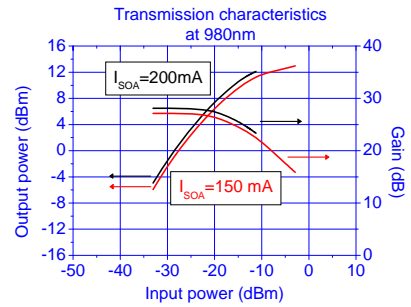
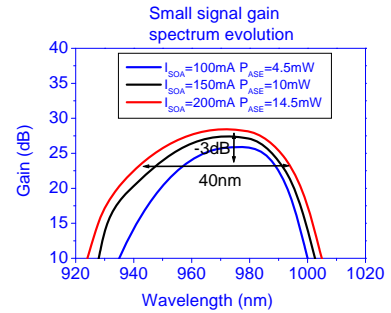
Additional & customized:

- PM fiber pigtails
- FC/APC terminated pigtails

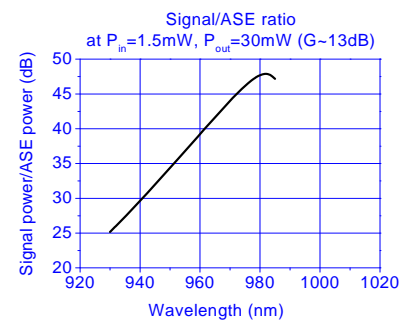
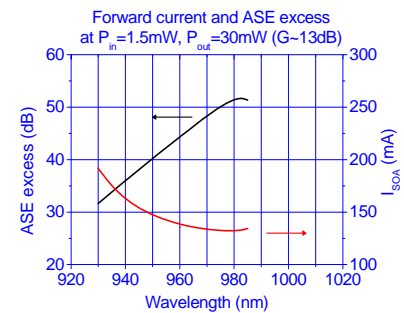
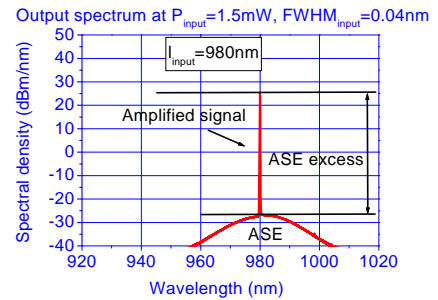
Specifications
(nominal stabilization temperature +25 °C)

Parameter	Min.	Typ.	Max.
Forward current, mA	-	-	220
Forward voltage, V	-	-	2.3
Output optical power, dBm	-	-	15.0
Central wavelength λ_{c1} , nm	-	970	-
-3 dB optical gain bandwidth, nm	-	40	-
Gain ripple, dB	-	< 0.1	-
Small signal gain, dB	-	-	27
Polarization dependent gain, dB	-	7.0	-

PERFORMANCE EXAMPLES



POWER BOOSTER



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

SOA-482-(a)-(b),
where:

- a – package type (DBUT),
- b – fiber type (SM or PM).

Example: SOA-482-DBUT-SM.

All specifications are subject to change without notice.