

**Features:**

- more than 20 dB fiber-to-fiber optical gain
- 40 nm gain bandwidth (-3 dB)

**Package:** butterfly (DBUT)

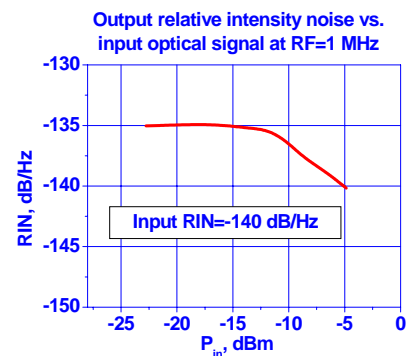
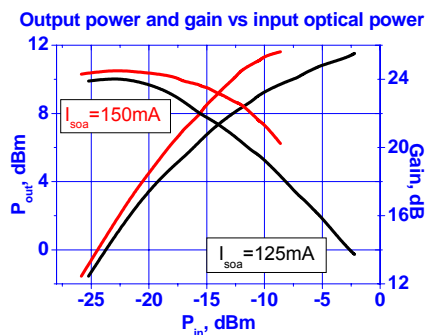
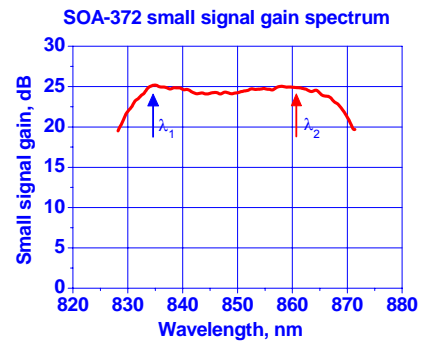
**Additional and customized:**

- PM fiber pigtails
- FC/APC terminated pigtails

**Specifications  
(Nominal Emitter Stabilization Temperature +25 °C)**

Parameter	Typ.	Max.
Forward current, mA		200
Forward voltage, V		2.2
Central wavelength $\lambda_c$ , nm	850	
-3 dB optical gain bandwidth, nm	40	
Gain ripple, dB	$\leq 0.1$	0.2
Small signal gain at $\lambda_1$ $\lambda_2$ (gain maximums), dB	25	
Saturation output power, dBm	8.0	
Polarization dependent gain, dB	7	

**PERFORMANCE EXAMPLES**



**Marking:**

**SOA-372-850-SM**

All specifications are subject to change without notice.