

## AT A GLANCE

High performance  
InP BH SOAs

### Features

- p-side up or flip-chip configuration
- integrated taper for low loss optical coupling
- 7° input/output facet
- circular optical far field, FWHM <math><20^\circ</math>
- on request precise alignment structures for lateral & vertical positioning
- flexible adaptation of devices corresponding to customer's applications: e.g. center wavelength, polarization sensitivity, coating against  $n=1.5\dots$

### Applications

- Telecom/Datacom
- Sensors

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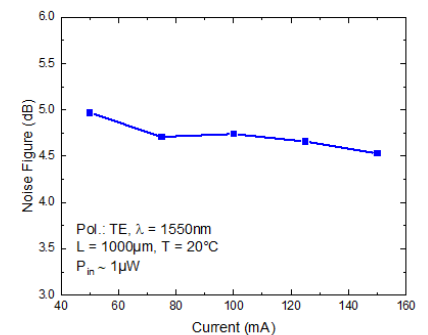
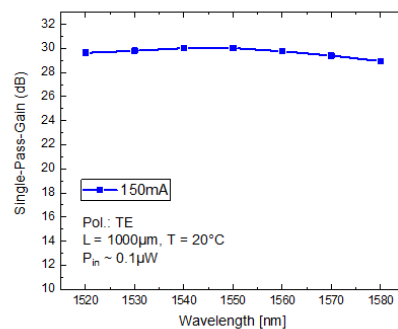
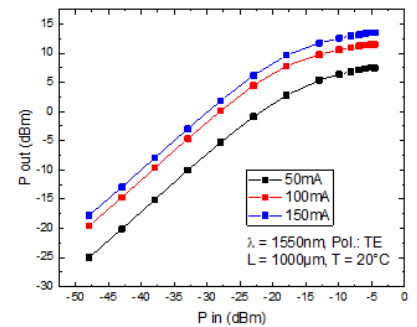
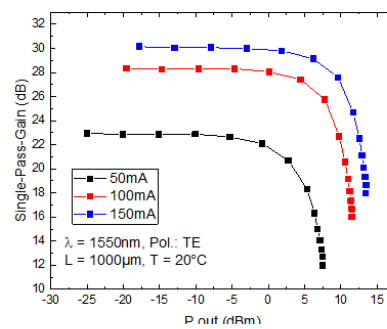
## Device variants

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- single chips and arrays

### Example: characteristics of c-band SOAs:

Single Pass Gain, output power, spectral bandwidth and noise figure



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