

Bidirectional B+ GPON OSA

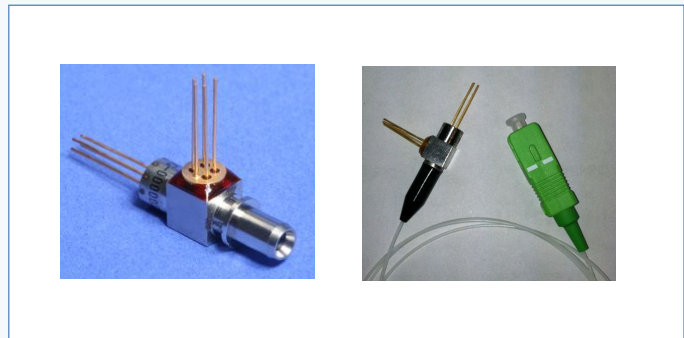
with Pigtail Option

APPLICATIONS

- GPON

FEATURES

- TX: 1310 nm DFB at 1.25 Gbps
- RX: 1490 nm PIN/TIA at 2.5 Gbps
- High performance B+ sensitivity
- Photocurrent monitoring available
- SC/APC Pigtail Available
- Single power supply +3.3V



Cosemi's BOSA is a bidirectional optical sub-assembly (OSA) for GPON applications with (i) a 2.5 Gbps InGaAs PIN photodiode (PD) and an auto gain control (AGC) pre-amplifier (TIA) as receiver and (ii) 1.25 Gbps 1310 nm DFB as transmitter.

By packaging the PIN PD with a super TIA, we offer our customers a cost-effective and high performing sensitive OSA for B+ GPON applications.

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