

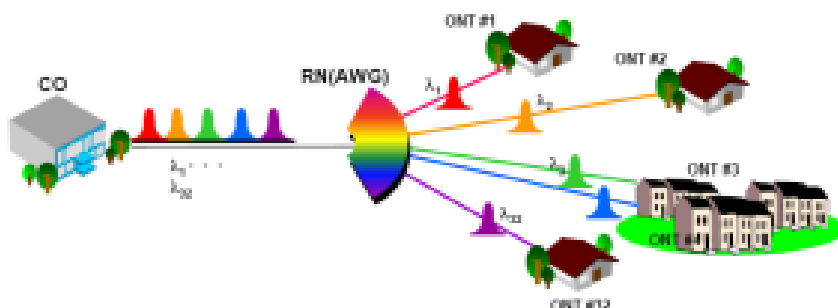
2.5Gbps Reflective Semiconductor Optical Amplifier (R-SOA)

Technology Overview

- Core component technology based on low-cost, colorless WDM-PON
- 1.25, 2.5Gb/s R-SOA component technology

System Configuration

- Core light source for 1.25 & 2.5Gb/s high-speed communication between the Central Office(OLT) and subscribers(ONU)
- Pilot operation of a WDM-PON network based on 1.25Gb/s R-SOA in the Gwangju area, serving 300 households



Application Products/Service

- Core components for WDM-PON systems
- High-quality optical access network core light source including UCC, IP-TV, U-healthcare, defense, high-end business networks, etc.

