

## Raman Amplifier

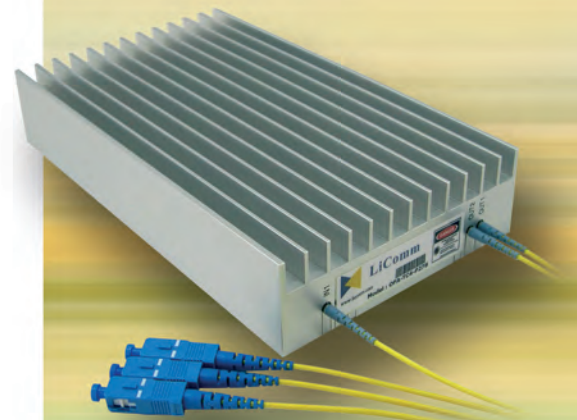
The LiComm Raman amplifier series is designed for ultra-long haul transmission beyond typical repeater span of conventional EDFAs. With maximum output power of 1 Watt, optical signals can travel up to 250km of fiber. Based on applications, C-band, L-band, or C+L-band Raman amplifiers are available.

### Features:

- Max. output power of 1 Watt
- Wide flat-gain wavelength range
- Included optical output power monitor
- Low effective noise figure
- Input and output power monitoring port (optional)
- Automatic Power Control (APC) mode
- Control, monitoring, and alarm through RS232 or Parallel interface

### Applications:

- C-band, L-band, or C+L-band amplification
- 10Gbps and 40Gbps transmission
- DWDM transmission systems
- ROADM/OXC systems



## Benchtop Fiber Amplifier

The LiComm Bench-Top series is an optical amplifier, packaged in 2U half rack case with power supply and front panel control buttons. Optional GPIB or RS232 and the front panel buttons allows control and monitoring of amplifier module inside. All LiComm amplifiers are available as bench top version.

### Features:

- Maximum output power of 27dBm
- Low noise figure
- wide dynamic range
- APC, AGC, or ACC (Automatic current control)
- User-friendly operation
- Control & monitor w / RS232 or GPIB
- TTL alarm

### Applications:

- C-band and L-band amplification
- 10Gbps and 40Gbps transmission
- DWDM transmission systems
- ROADM/OXC systems
- CATV networks

