

Optical Fiber Amplifier (Bench top)

The LiComm Bench-Top series are integrated a selected optical amplifier module and power supply in 2U half rack case.

The amplifier is designed for the convenience of lab user or stand-alone operation in CATV or access network.

Any types of LiComm OFA series can be integrated in the bench top case.

The status of amplifier can be monitored by the LCD in front-side panel of the bench top, and the amplifier operation can be controlled by the front buttons. User may also monitor and control the amplifier through RS232 or GPIB Interface at rear panel.

The available power supply voltage is AC 110 ~ 220 Volts.



Features

- ▶ Including electric control part
- ▶ Full function EDFA module
- ▶ APC (Automatic power control) or AGC (Automatic gain control)
- ▶ Wide input dynamic range
- ▶ Low noise figure
- ▶ Easy operation
- ▶ Control & monitor w / RS232 or GPIB
- ▶ TTL Alarm
- ▶ AC 110 ~ 220 volt

Applications

- ▶ 2.5G TDM/DWDM long haul system
 - Booster, In-line, Pre-Amp
- ▶ 10G TDM/DWDM long haul system
 - Booster, In-line, Pre-Amp
- ▶ LANs and MANs
- ▶ SONET/SDH systems
- ▶ OADM access networks
- ▶ CATV network
 - Power booster, Line amp.
 - Distribution

Optical Characteristics

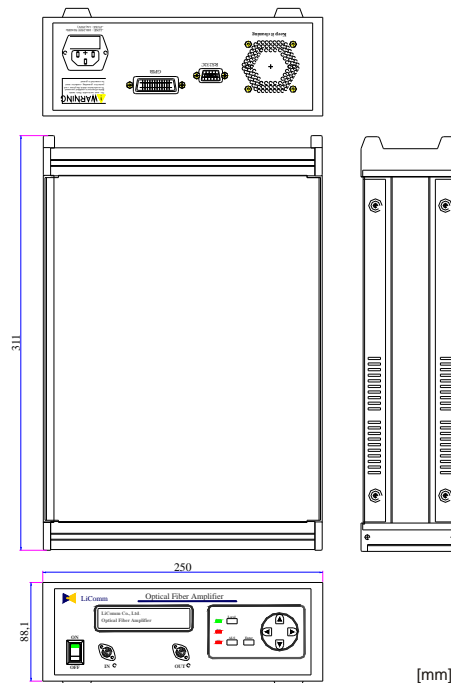
Available all LiComm optical fiber amplifier module series, which are TDM EDFA/ DWDM EDFA/ Raman amplifier (To see www.licomm.com).

LiComm is open to user defined specifications of optical fiber amplifiers. If you have any special requirement of optical fiber amplifier, do not hesitate to contact us (sales@licomm.com).

Electrical & Environmental

Parameter	Typical value
Power supply voltage	AC110~220V
Interface	RS232, GPIB
Operating temperature	0 ~ 50 °C
Storage temperature	-40 ~ 85 °C
Storage humidity	0 ~ 95% R.H

Mechanical Dimension



Ordering Information

OFA - X₁X₂ - X₃XX₄X₅

- X₅: B(Booster Amp), L(Line Amp), P(Pre-Amp), I(Interstage)
- XX₄: Output Power or Gain Value
- X₃: P(Output Power), G(Gain)
- X₂: C(C-band), L(L-band), F(C+L-band)
- X₁: T(TDM EDFA), W(WDM EDFA), R(Raman Amplifier)

LiComm Co., Ltd. www.licomm.com

Cheongmyung Towntel 3F

1021-4 Youngtong-Dong, Paldal-Gu, Suwon-Si, Kyunggi-Do 442-813, South Korea

Tel. : +82-31-206-6823 Fax. : +82-31-206-6827