

# Optical Fiber Amplifier (Rack Type)

The LiComm Rack type OFA series are integrated the selected LiComm's optical amplifier module , MPU and power supply in the rack type case. This amplifier is suitable for the CATV application or the passive optical network (PON) that requires stand-alone operation and multi-amplifiers. It is also rack mountable. The status of amplifier can be monitored by the LED in front-side panel of the case, and the amplifier can be controlled by the MPU card. The amplifier also can be monitored and controlled via RS232. The available power supply voltage is AC 110 ~ 220 Volts or DC - 48 Volts.



## Features

- ▶ Including electric control part (full function EDFA module)
- ▶ CATV-field-proven low noise figure
- ▶ Built-in MPN Card
- ▶ APC (Automatic power control) or AGC (Automatic gain control)
- ▶ Wide input dynamic range
- ▶ Easy operation
- ▶ Control & monitor with RS232
- ▶ AC 110 ~ 220 volt or DC - 48 volt power supply (optional)

## Applications

- ▶ Narrow band amplification in PON (passive optical networks) and FTTH
- ▶ CATV network
  - Power booster, Line Amp
  - Distribution, Supertrunking
- ▶ LANs and MANs
- ▶ 2.5G/10G amplification in OADM network
  - Booster, In-line, Pre-Amp
- ▶ SONET / SDH systems

## Optical Characteristics

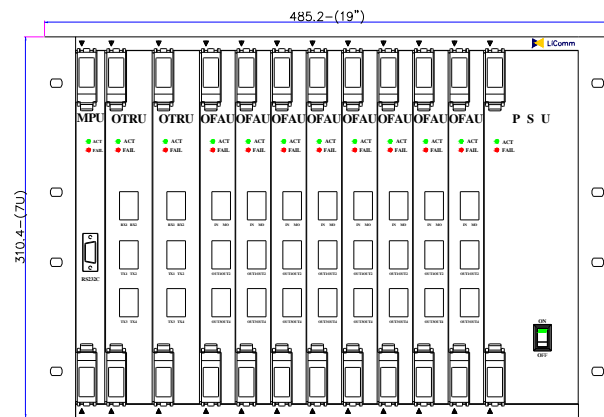
Available all LiComm optical fiber amplifier module series, that is TDM EDFA/ DWDM EDFA/ Raman amplifier (To see [www.licomm.com](http://www.licomm.com)).

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](mailto:sales@licomm.com)).

## Electrical & Environmental

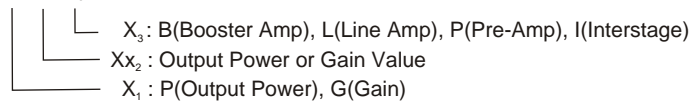
Parameter	Typical value
Power supply voltage	AC110~220V or DC-48V
Interface	RS232
Operating temperature	0 ~ 70°C
Storage temperature	-40 ~ 85 °C
Storage humidity	0 ~ 95% R.H

## Mechanical Dimension



## Ordering Information

OFA - RC - X<sub>1</sub>XX<sub>2</sub>X<sub>3</sub>



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