



## U-Series

### Erbium-Doped Fiber Amplifier Module

## U-4000 Narrowband EDFA

The U-4000 Narrowband EDFA offers low power consumption, economical solution for Free Space Communication (FSC) or CATV application. This OEM version will fit in a variety of pre-amp, booster, in-line as specified by the customer. This model is available for the entire C-band of the fiber optic communication window and can be used in various Point-to-Point or Multipoint applications. This model can be controlled via NMS. It is an excellent high performance solution with great reliability. The Telcordia™ GR-1312CORE standards compatible U-4000 comes with built-in sophisticated control electronics and monitoring outputs that could be easily integrated to telecom interface cards.

Our technology is a patented optical design with minimum loss and optimum amplification performance. The software and control electronics has been designed for extremely precise monitoring and controlling of devices. It is designed to work in various network platforms.

Contact us for higher power and customized requirements.

## Features

- Narrowband amplification
- Low noise figure
- Excellent temperature reliability
- Electronically controlled
- Configurable constant output power
- Optional automatic gain control (AGC) features
- Telecom card mountable

## Applications

- Free Space Communication
- CATV systems
- Large dynamic range for tunnel and bridge sensors
- Branching boosters for PON

