



U-Series

Erbium-Doped Fiber Amplifier Module

U-1000 Uncooled EDFA

The U-1000 Uncooled EDFA offers low power consumption, economical solution for metro broadband or CWDM application. This OEM version will fit in a variety of pre-amp, booster or in-line applications as specified by the customer. This model is available for the entire C-band of the fiber optic communication window and can be used for single channel or narrow band amplification. This model can be controlled remotely via NMS. It is an excellent high performance solution with great reliability. The Telcordia™ GR-1312CORE standards compatible U-1000 comes with built-in sophisticated control electronics and monitoring outputs that could be easily integrated to telecom interface cards. Additional gain flattening feature is offered as optional.

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

- Multi-channel amplification
- Low noise figure
- Transparent to wavelength add/drop
- Electronically controlled
- Configurable constant output power
- Optional automatic gain control (AGC) features
- Telecom card mountable

Applications

- Broadband amplification for metro
- CWDM systems
- Booster, in-line amplification
- Boost tunable laser sources

