

# CEFA-C-WDM-LP SERIES

CW ERBIUM FIBER AMPLIFIER C-BAND GAIN  
FLATTENED LOW POWER



## FEATURES

- Up to 23dBm of saturated output power
- Up to 39nm of gain bandwidth
- Selection of 2 different bandwidths
- Gain flattened at +/-0.5 dB typical
- Low noise figure
- Mid-stage access option
- Polarization-maintaining available
- Low power consumption
- Choice of turnkey benchtop or module
- Wide operating case temperature range (-20°C to +65°C for modules)

## Description

The CEFA-C-WDM-LP series Erbium doped fiber amplifiers provide amplification of multiple channels in the C-band, up to 23 dBm of saturated output power.

These amplifiers are optimized for use in Dense Wavelength Division Multiplexing applications. They provide dynamic gain control to operate at the point of optimum gain flatness. Composite output power varies in order to maintain a constant per-channel gain over a dynamic range of 12dB. A selection of 2 different bandwidths in the C-Band is available with excellent gain flatness.

The series include polarization-maintaining models and mid-stage access option.

These products are proposed in turnkey benchtop instruments or in modules.

## APPLICATIONS



Regional and metro DWDM networks  
FTTH/CATV networks / Free space  
communications / Test and measurement

## 2 Platforms

B 212



M 201

