

# CEFA-L-WDM-LP SERIES

CW ERBIUM FIBER AMPLIFIER L-BAND GAIN  
FLATTENED LOW POWER

1.5 $\mu$ m

## FEATURES

- Up to 23dBm of saturated output power
- Up to 33nm of gain bandwidth
- Standard bandwidth 1570-1603nm
- Gain flatness of 1dB 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)

## APPLICATIONS



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

## Description

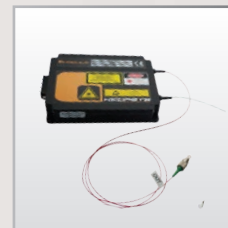
The CEFA-L-WDM-LP series Erbium doped fiber amplifiers provide amplification of multiple channels in the L-band, up to 23 dBm of saturated output power.

These amplifiers are optimized for use in Dense Wavelength Division Multiplexing applications. The standard bandwidth in the L-Band goes from 1570 to 1603nm with excellent gain flatness. Optimum gain flatness is obtained over an input dynamic range of 12dB.

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

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

M 201



M 310



4 Platforms



B 210/ B 212