

CW AMPLIFIERS

1 μm

CYFA-BO SERIES

CW YTTERBIUM BOOSTER FIBER AMPLIFIER

- Wavelength range 1060 to 1090 nm
- Up to 42dBm of saturated output power
- Polarization-maintaining (optional)
- For input power above +20 dBm
- Cost effective solution

CYFA-PB SERIES

CW YTTERBIUM FIBER AMPLIFIER WITH INTEGRATED PREAMPLIFIER

- Wavelength range 1060 to 1090 nm and 1110 to 1114 nm
- Up to 42 dBm of saturated output power
- Polarization-maintaining (optional)
- Pre-amplifier built-in for low input power

CYFA-AMPLAAT SERIES

1.0 μm CW FIBER POWER AMPLIFIER

- Wavelength range 1064 to 1070 nm
- Up to 50 W CW of output power
- Up to 30 W in PM version
- Highly reliable laser diode pumps
- Compact & rugged design

CYFA-HED SERIES

1.0 μm CW SLM PM FIBER AMPLIFIER

- Wavelength range 1064 nm
- Up to 15 W CW output power
- Linear polarization
- Single frequency amplification

1.4 μm

CRFA SERIES

CW RAMAN FIBER AMPLIFIER

- Wavelength range 1420 to 1565 nm
- Output Pump Power up to 800 mW
- Gain up to 16 dB over G652 fiber
- Flat gain over the C-Band
- Eye safety mechanism

CW AMPLIFIERS

1.5 μ m

CEFA-C-HG SERIES

C-BAND HIGH GAIN LOW NOISE PREAMPLIFIER

- Wavelength range 1529 to 1562 nm
- High sensitivity with very low input power (-50 dBm input)
- High small signal gain up to 50 dB
- Near quantum-limited noise figure
- Polarization-maintaining (optional)

CEFA-C-PB-MP SERIES

C-BAND MULTIPOINT AMPLIFIER

- Wavelength range 1545 to 1565 nm
- Multiple ports (up to 64)
- Low noise figure
- Network management interface based on SNMP V2c (rack only)
- Web server option (rack only)
- Ultra-compact module or highly sophisticated rack

CEFA-C-PB-LP SERIES

C-BAND LOW POWER AMPLIFIER

- Wavelength range 1529 to 1562 nm
- Up to 23 dBm of saturated output power
- Low noise figure
- Low power consumption
- Mid-stage access (optional)
- Polarization-maintaining (optional)

CEFA-C-PB-HP SERIES

C-BAND HIGH POWER AMPLIFIER

- Wavelength range 1540 to 1565 nm
- Up to 42dBm of saturated output power
- Preamplifier for low power input
- Narrow linewidth amplification (<100 kHz)
- Polarization-maintaining (optional)

CEFA-C-BO-HP SERIES

C-BAND HIGH POWER AMPLIFIER

- Wavelength range 1540 to 1565 nm
- Up to 42 dBm of saturated output power
- Very compact module up to 30 dBm
- Narrow linewidth (<100 kHz) amplification
- Low power consumption
- Polarization-maintaining (optional)

CEFA-C-WDM-LP SERIES

C-BAND LOW POWER GAIN FLATTENED AMPLIFIER

- Widest wavelength range 1529 to 1566nm
- Up to 23 dBm of saturated output power
- Selection of 2 different bandwidths
- Gain flattened at +/-0.5 dB typical
- Low noise figure
- Mid-stage access option
- Polarization-maintaining (optional)

CEFA-L-HG SERIES

L-BAND HIGH GAIN LOW NOISE PREAMPLIFIER

- Wavelength range 1570 to 1607 nm
- High sensitivity with very low input power (- 40 dBm)
- High signal gain up to 50 dB
- Near quantum-limited noise figure
- Polarization-maintaining (optional)

CEFA-L-PB-LP SERIES

L-BAND LOW POWER AMPLIFIER

- Wavelength range 1570 to 1603 nm
- Up to 23 dBm of saturated output power
- Low noise figure
- Low power consumption
- Mid-stage access (optional)
- Polarization-maintaining (optional)

CW AMPLIFIERS

1.5 μ m

CEFA-L-PB-HP SERIES L-BAND HIGH POWER AMPLIFIER

- Wavelength range 1565 to 1605 nm
- Low noise figure
- Pre-amplifier built-in for low input power
- Polarization-maintaining (optional)
- Choice between turnkey benchtop or OEM module

CEFA-L-WDM-LP SERIES CW ERBIUM FIBER AMPLIFIER L-BAND GAIN FLATTENED LOW POWER

- Wavelength range 1570 to 1603 nm
- Up to 23 dBm of saturated output power
- Gain flatness of 1 dB typical
- Low noise figure
- Mid-stage access (optional)
- Polarization-maintaining (optional)

CEFA-HED SERIES 1.5 μ m CW SLM PM FIBER AMPLIFIER

- Wavelength range 1550 nm
- Up to 15 W CW output power
- Linear polarization
- Single frequency amplification
- Rack mountable

RACK-3U-84TE SERIES MULTI AMPLIFIERS 3U RACK

- Wavelength range 1529 to 1561 nm
- Up to 11 hot swappable slots
- Up to 44 EDFAs
- SNMP management / Web server / RS232 interface

CEFA-C-MP SERIES CW ERBIUM FIBER AMPLIFIER C-Band MULTI PORT

- Wavelength range 1550 nm
- Up to 64 Output Ports
- Cost Effective Amplification
- Low Power Consumption
- Low noise figure

CEFA-C-WDM-LP SERIES CW ERBIUM FIBER AMPLIFIER C-BAND FOR WAVELENGTH DIVISION MULTIPLEXING

- Wavelength range 1529 to 1562 nm
- Output Power up to +24 dBm
- Fixed Gain (FG) or Variable Gain (VG)
- Booster, InLine or Pre-amplifier models
- Low noise figure

2 μ m

CTFA-PB SERIES THULIUM FIBER AMPLIFIER

- Wavelength range 1900 to 2050 nm
- Up to 40 dBm of saturated output power
- Choice of wavelength range
- Eye-safe operation
- Pre-amplifier built-in for good OSNR
- Polarization-maintaining (optional)

PULSED AMPLIFIERS

1.5 μ m

PEFA-SP-C SERIES

SHORT PULSE FIBER AMPLIFIER

- Wavelength range 1535 to 1565 nm
- Femto and picosecond pulse amplification
- Pulse distortion free up to 1 kW
- Average power up to 33 dBm
- Operating wavelength from 1535 to 1565 nm
- Pulse repetition frequency from 10 MHz to 100 GHz
- Polarization maintaining (optional)

PEFA-LP-C SERIES

LONG PULSE FIBER AMPLIFIER

- Eye-safe 1545 nm operating wavelength
- Energy per pulse up to 110 μ J
- Peak power up to 360 W
- Pulse duration from 200 to 400 ns
- Pulse repetition frequency from 10 kHz to 20 kHz
- Polarization maintaining

PEFA-AVEL SERIES

1.5 μ m Pulsed PM Fiber Amplifier

- Wavelength range 1550 nm
- Up to 1 W average power
- Up to 50 μ J per pulse
- Linear polarization
- Excellent beam quality

Worldwide companies



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