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Find the *FiberLabs AMP-FL8021-CLB-20* at our website: *Click HERE*

CL-band Optical Fiber Amplifier (EDFA)

The AMP-FL8021-CLB series are optical fiber amplifier designed to cover both for ***C-band and L-band***. This instrument utilized a unique optical design based on Er3+ doped fiber that is optimized to provide spectrally flat gain profile, high signal gain and low noise figure over the wide bandwidth.

Features

- Wide signal bandwidth
- Excellent noise figure
- Excellent gain flatness
- Cost effective
- Output power & pumping current monitoring
- ACC/ALC mode operation



AMP-8021-CLB-13/16/19

Applications

- DWDM, CWDM, Datacom
- Test & measurement
- Scientific Applications



AMP-8021-CLB-22

Standard Specifications

What is optical amplfier ?

Item	AMP-FL8021-CLB -22	AMP-FL8021-CLB -19	AMP-FL8021-CLB -16	AMP-FL8021-CLB -13
Signal Wavelength	1530 ~ 1560nm , 1570 ~ 1610nm			
Maximum Output Power *1	>+22dBm (>160mW)	>+19dBm (>80mW)	>+16dBm (>40mW)	>+13dBm (>20mW)
Gain *2	>35dB	>35dB	>30dB	>25dB
Noise Figure *2	<7dB			
Amplifier control	ACC / ALC			
Monitor items	Optical output power, Pumping LD current, Pumping LD temperature, Case temperature			
Safety function	Remote shutdown interlock			
Remote control Interface	RS232C / IEEE488.2(GP-IB)			
Input & Output Fibers	SMF			
Optical Connectors	FC/PC			
Operation Temperature	0 ~ 40 °C			
Storage Temperature	-10 ~ 60 °C			

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Size (H) x(W) x(D) mm	88 x 430 x 350	88 x 260 x 350
Weight	7Kg	
Power consumption	<50W	<30W
Power Supply	AC 100 ~ 240V (50/60Hz)	

*1 Input Power: >0dBm@1550nm,1580nm
*2 Input Power: -30dBm@1550nm,1580nm

The specifications are subject to change.
All functions, characteristics and exterior design can be optimized according to customer requirements, and please feel free to contact FiberLabs sales engineers.

Pricing, Questions, Order, etc.
Contact Us

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