

C-band High Power Optical Fiber Amplifier (EDFA)

Features

- Signal bandwidth (1540~1560nm)
- High output power (+27dBm~+33dBm)
- Excellent noise figure
- Interlock function
- Output power & pumping current monitoring
- ACC / ALC mode operation

Applications

Development of WDM
 Test & measurement
 Scientific Applications

Standard Specifications

Item	AMP-FL8015 -CB-37	AMP-FL8015 -CB-35	AMP-FL8015 -CB-33	AMP-FL8015 -CB-30	AMP-FL8015 -CB-27
Signal Wavelength	1540~1560nm				
Maximum Output Power *1	>+37dBm (>5000mW)	>+35dBm (>3000mW)	>+33dBm (>2000mW)	>+30dBm (>1000mW)	>+27dBm (>500mW)
Noise Figure *1	<6dB				
Amplifier control	ACC / ALC				
Interface	RS-232C				
Function	Loss of input power interlock				
Monitor	Optical output power, Pumping LD current				
Input & Output Fibers	SMF				
Optical Connectors	FC/PC				
Operation Temperature	0 ~ 40 ° C				
Storage Temperature	-10 ~ 60 ° C				
Size	130(H) x 440(W) x 460(D) mm (Not including protrusions)				
Weight	<10 Kg				
Power Supply	AC 100 ~ 240V (50/60Hz)				

*1 Input Power: >0dBm@1550nm

