

DWDM Optical Amplifier

➤ Product Description

CSRayzer's DWDM Optical Amplifier is widely used in wavelength division multiplexing optical fiber communication systems, and can be integrated into optical amplifier cards and racks according to customer applications. We use the gain flat filter to obtain a flat output gain spectrum. At the same time, it provides multiple working modes such as automatic gain control, automatic power control and automatic current control. Customers can configure through the host computer. It adopts high-performance temperature control technology, so its output performance is stable.

➤ Product Specification

Parameter	Unit	Min	Type	Max
Wavelength	nm	1528.77	1550	1567.13
Channels	/	1		96
Gain	dB		21.5	
Input Power	dBm	-33		10
Output Power	dBm			20.5
Gain Flatness	dB			1.5
Noise Figure	dB		5	5.5
Working Temp.	°C	-5		60
Storage Temp.	°C	-40		85
Power	V	4.75	5	5.25
Power consumption	W			12
Fiber Length	cm	50±2 or Customized		
Pigtail Type		LC/UPC or Customized		

➤ Product Feature

- 1) Up to 23dBm output power
- 2) AGC/APC/ACC operation mode
- 3) Low noise figure and power consumption
- 4) High stability and reliability
- 5) Customizable

➤ Main Application

- 1) Optical fiber sensing
- 2) PM optical communication system
- 3) College and research institue