

Low Noise High Power Dual EDFA

Features

- * Bench-top package with strap-handled
- * Dual amplifier
- * High saturated output power
- * Extremely low noise figure
- * Optional reflection shutdown function

Applications

- * High-power R&D experiment
- * Fiber laser application
- * Optical switching application

Description

GIP Technology Low Noise High Power Dual EDFAs are specifically designed for use in the high-power single-channel applications. This series incorporates a special, unique, and flexible structure to produce maximum signal gain and saturated output power while minimizing noise figure. Through optimization of these important amplifier parameters, this module will be easily deployed into any of high-quality telecommunication or R&D platforms.



Low Noise High Power Dual EDFA

Specifications

Optical Information		Unit	Description	
			Pre Amp	Power Amp
Operating wavelength range		nm	1530 ~ 1563	
Input power range		dBm	-35 ~ -20	+5 ~ +20
Saturated output power		dBm	+10	+30
Noise figure*1	Max.	dB	5.5	
Polarization dependent gain	Max.	dB	0.3	
Polarization mode dispersion	Max.	ps	0.3	
Connector			FC or SC	
Electrical Information				
Power supply voltage		Vac	100 ~ 240, 50 ~ 60Hz	
Environmental Information				
Operating ambient temperature		°C	0 ~ 50	
Storage temperature		°C	-20 ~ 80	
Relative humidity (non-condensing)		%	5 ~ 85	
Outline Information				
Dimension (W x D x H)		mm ³	250 x 390 x 100	

*1: @ 1550nm



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