

Pulsed EDFA Erbium Doped Fiber Amplifier Module 1550nm 20KHz



● Product Description

Pulsed EDFA Erbium-doped Fiber Amplifier Module 1550nm, repetition frequency; 20KHz, pulse width 200ns.

● Part Number

PL-EDFA-C-B-50-1

Parameters

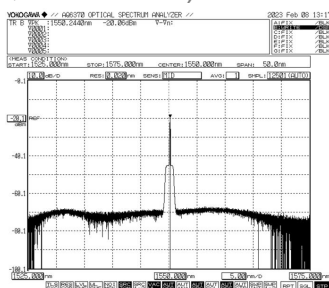
Main Parameters:

Parameters	Unit	Min	Typ	Max	Note
Wavelength range	nm		1550±0.5		
Pulse width			200ns		
Repetition frequency			20KHz		
Input peak power	mW		1		
Input average power	uW		4		@1mW×200ns×20kHz
Output peak power	W		> 100		@200ns,20kHz The average power is about 100mW

Noise figure	dB		5.5	
Polarization-dependent gain	dB		0.5	
Polarization mode dispersion	ps		0.5	
Input/output isolation	dB	35		
Operating temperature range	°C	-5	+55	
Operating humidity range	%		70	
Pigtail connector type		FC/APC		
Pigtail type		Single mode fiber SMF-28e		
Power supply method	-	DC5v		National Standard
Dimensions	mm	125(W)×150(D)×20(H)		
Communication interface and control method	-	RS232 DB9		Host computer software version V20220708
Working mode	-	ACC: Automatic pump current control		Maximum current 900mA

Input and output spectra:

(Test conditions: peak 1mW/20kHz/200ns input, average power 160mW output, drive current 900mA, ACC mode)



Output power-driving current curve (P-I):

