

EDFA L-Band Gain Module



Product Description

L-Band EDFA is a specialized L-Band DWDM module, which can be integrated with EDFA card, boosting the signal of the L-Band DWDM module. The module is based on the GR-1312-CORE module, and the R-HS card.

Features

- High gain and low noise figure
- Excellent gain flatness
- Flexible input/output face
- High reliability

Applications

- L-Band DWDM module

Standard

- Telecom GR-1312-CORE
- R-HS

Specifications

Parameter	Unit	Specifications								
		BA			LA			PA		
		Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.
Operating Wavelength		1569		1604	1569		1604	1569		1604
Optical Loss	dB		17			17			13	
Optical Gain	dB		23			23			23	
Gain Flatness	dB		1.0	1.5		1.0	1.5		1.0	1.5
Noise Figure	dB	Typical 6.0								
I/O Return Loss	dB	Typical 45/45								
Polarization Dependent Gain	dB	Max 0.3								
Operating Voltage	V	Typical 5.5%								
Power Consumption	W	Max 30								
Operating Temperature	°C	-5 ~ +55								
Storage Temperature	°C	-25 ~ +70								

O d e i g I f a i

EDFA - □ -□- L-□-□-□-□-□

C ~~ec~~ EC,SC,LC,MU/UPC,APC

Fiber length: 1:1, correct

Fibe Dia.: 09: 0.9 、 c e ecif

O P e : 17:17dB 、 c e ecif

Ra ed Gai : 25:25dB、 c e ecif

EDFA T e: BA、LA、PA

Fa eT e: MW:O-E M d e, GW: Gai B eck