

EDFA L-Band Gain Module



Product Description

L-band EDFA is a widely used L-Band DWDM optical amplifier, and can be integrated with EDFA card, board, and module. The card is based on Teledia GR-1312-CORE module, and R HS card.

Features

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

Applications

- L-band DWDM system

Standard

- Teledia GR-1312-CORE
- R HS

Specifications

Parameter	Unit	Specifications								
		BA			LA			PA		
		Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.
Optical Wavelength		1569		1604	1569		1604	1569		1604
Optical Return 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								
Optical Voltage	V	Typical 5-5%								
Power Consumption	W	Max 30								
Optical Temperature	°C	-5 ~ +55								
Storage Temperature	°C	-25 ~ +70								

O d e i g I f a i

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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