

EDFA L-Band Gain Module



Product Description

L-Band EDFA is a device designed for L-Band DWDM applications, and can be integrated with EDFA card back according to the user's requirements. The device is based on Teclia GR-1312-CORE amplified, and R HS card.

Features

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

Applications

- L-Band DWDM

Specifications

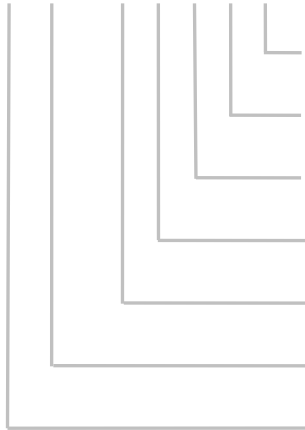
- Teclia GR-1312-CORE
- R HS

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 Power	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								
Input/Output 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								

Optical Interface

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Connector: FC, SC, LC, MU/UPC, APC

Fiber length: 1:1, customized

Fiber Dia.: 09: 0.9, customized

Optical Power: 17:17dB, customized

Rated Gain: 25:25dB, customized

EDFA Type: BA, LA, PA

Fiber Type: MW: O-E Mode, GW: Gain Block