O-Net Technologies
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Micro EDFA

Features

- Compact size 50*30*8 mm
- Fully-controlled module with communication interface
- Supports APC mode
- Low power consumption
- Semi-customized design flexibility

Applications

- Metro and Access networks
- Lidar
- Datacenter

Main Specifications

Parameter	Max	Min	Specification	Unit
Operating Wavelength			1528 ~ 1565	nm
Input Power			-25 ~ -5	dBm
Output Power			10 ~ 17	dBm
Nominal Gain			27	dB
Noise Figure	√		5.5	dB
PDG	√		0.5	dB
PMD	√		0.5	ps
Input/Output Return Loss		√	40	dB
Power Consumption	√		5	W
Communication Interface			RS232	
Operating Temperature			-5 ~ +55	°C
Storage Temperature			-25 ~ +75	°C
Relative Humidity (non-condensation)			5 ~ 95	%

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Electronic Connector Pin Assignment

Pin	Description	Pin	Description
1	+3.3 V	7	NC
2	+3.3 V	8	Loss of Output Power Alarm
3	Ground	9	Force Laser Shutdown
4	Ground	10	Pump Bias Alarm
5	Serial Input	11	NC
6	Serial Output	12	NC

Order Information

- The above specifications represent the typical performance of an O-Net Amplifier of this category.
- Please contact our Sales to discuss your specific requirements.