

Half-MSA EDFA

Features

- Half-MSA compliant size
- Built-in control electronics
- RS232 communication interface
- Semi-customized design flexibility



Applications

- 40G/100G/200G system

Main Specifications

Parameter	Max	Min	Specification	Unit
Operating Wavelength			1530 ~ 1565	nm
Input Power			-25 ~ 0	dBm
Output Power			+10	dBm
Noise Figure ($P_{in} = -10$ dBm, $P_{out} = 10$ dBm)	√		6.0	dB
PDG	√		0.5	dB
PMD	√		0.5	ps
Input/Output Return Loss		√	40	dB
Communication Interface			RS232	
Power Consumption	√		4	W
Operating Temperature			-5 ~ +55	°C
Storage Temperature			-25 ~ +75	°C
Relative Humidity (non-condensation)			5 ~ 95	%
Dimensions			70*45*15	mm



Electronic Connector Pin Assignment

Pin	Description	Pin	Description
1-4	+3.3V	16	Common Alarm
5-6	Ground	17	Pump Temperature Alarm
7	Serial Input	18	Pump Current Alarm
8	Serial Output	19	Loss of Input Alarm
9-10	Ground	20	Loss of Output Alarm
11	NC	21-24	NC
12	Reset Input	25-26	Ground
13	Amplifier Disable	27-28	NC
14	Output Power Mute	29-30	+3.3V
15	Case Temperature Alarm		

Order Information

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