

CFP2 Pluggable EDFA

Features

- CFP2 compatible footprint
- Fully-controlled module with communication interface
- Support AGC/APC mode
- Low power consumption

Applications

- Booster or pre-amplifier
- Metro and Access networks



Main Specifications

Parameter	Max	Min	Specification	Unit
Operating Wavelength			1529 ~ 1567	nm
Input Power			-30 ~ 0	dBm
Output Power			-13 ~ +17	dBm
Gain	√		20	dB
Noise Figure ($P_{in}=0$ dBm, $P_{out}=17$ dBm)	√		5.5	dB
Gain Flatness (Peak-Peak)	√		1.5	dB
PDG	√		0.5	dB
PMD	√		0.5	ps
Input/Output Return Loss		√	40	dB
Input Transient Time			100	μs
Transient Overshoot/Undershoot (19 dB Add/Drop)	√		1.5	dB
Transient Settling Time (19 dB Add/Drop)	√		1000	μs
Transient Gain Offset	√		0.5	dB
Communication Interface			RS232	
Power Supply Voltage			3.3	V
Power Consumption	√		8	W



Parameter	Max	Min	Specification	Unit
Operating Temperature			-5 ~ +55	°C
Storage Temperature			-25 ~ +75	°C
Relative Humidity (non-condensation)			5 ~ 95	%
Dimensions			107.5*41.5*12.4	mm

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.

