

CATV EDFA Module

Features:

- High Output Power
- AGC, APC Mode

Applications:

- CATV Networks System
- Single Channel or Narrowband Amplification



Specifications:

Parameter		Unit	Min.	Typ.	Max.
Operating Wavelength Range	C-Band	nm	1540	1550	1560
Input Power		dBm	-3	0	10
Output Power		dBm			23
Gain		dB		23	
Noise Figure	at 0dBm Input	dB	30	5	
Input/Output Isolation		dB			
Input/Output Remnant Pump		dBm			-30
Input/Output Return Loss	With Pump Off	dB	45		
PMD		ps			0.5
PDG		dB			0.5
Package Dimension	L * W * H	mm		147 * 90 * 25	

Electric Pin Assignments:

Pin	Definition	I/O	Description
1	GND	I	Power Ground
2	GND	I	Power Ground
3	Vcc	I	Power Supply
4	Vcc	I	Power Supply
5	Rx	I	RS-232 Receive, TTL
6	Tx	O	RS-232 Transmit, TTL
7	GND	I/O	RS-232 GND
8	Alarm	O	Alarm, Active Low
9	Reset	I	HW Reset, Active Low
10	GND	I/O	DGND