



- 1,Item:1550nm EDFA optical amplifier
- 2,Mode:VTA-XXP
- 3,MOQ:1pcs
- 4,Payment terms:T/T Western Union mainly
- 5,Delivery on time

VTA- XXP Indoor EDFA Optical Amplifier is a kind of 1550nm optical wavelength signal transmitting equipment for HFC broadband transmitting network.Using direct modulate,on the demand of low operation input RF signal level,ensures it for the front of the channel.Under 860MHz.It can transmitTV signal and INTERNET digital signal.

With MPU circuit,to control the working status of the Laser,it will display in the VFD on the front panel, inside double power supplies,switch automatically(backup power). Excellent non-linear can ensure products buildup multilevel fiber net,achieve the use-rsbestrow In a distance.it also can use RS232 for distance control.

Features:

- (1) 980nm/1480nm pump laser optional.
- (2) High gain and power makes the products have a low noise figure.
- (3) output optical power: 14~23dBm.
- (4) CPU monitor the status,VFD display the status,customer can test parameters at any time.
- (5) RS232/485 interface, for network managment function.
- (6) 19 inch 1U design for installation.

Electric Parameter:

Network connector	RS232/RS485
Power consumption	< 30 watt
Power Supply	220V (110 -265V/50Hz)

Optical Parameter:

Laser Type	DFB
Optical wavelength	1550±15nm
Input Optical Power	-5 ~ +7dBm
Output Optical Power	14 ~ +23dBm @0dBm input power
Optical output power stability	≤ ±0.3
PDG	≤0.3dB
PMD	≤0.3PS
Input Optical leak	≤-30dB
Output Optical leak	≤-30dB
Optical return loss	≥60dB
Optical Connector	FC/APC, SC/APC

Path Parameter-1:

Power	13dB	15dB	17dB	19dB	21dB
Pin=0dBmR/N noise	4.0	4.0	4.0	4.3	4.3

Path Parameter-2:

Input power	7	6	5	4	3	2	1	0
CNR (dB)	52.5	52.5	51.9	51.6	51.2	50.8	50.3	49.7

Environment Parametre:

Storage Temperature	-20~+70 temp
Humidity	≤80%
Op. T. Humidity	0~+50 temp , 5%~70% -0~+50 temp ≤95% Non-acidity
Dimension	L480mm×B380mm×H45mm 19inch , 1U
Weight	3.0kgs (Max.)