

TX 1550NM MODULACION EXTERNA 2*7DBM

MODELO ET-15-2-7



1. Features

1. 1 Characteristics of the Transmitter

- Both the external modulator and laser are imported from the United States or Japan.
- Perfect pre-distortion circuit ensures the best CTB and CSO when the CNR is in high standard.
- Perfect SBS suppress circuit and adjustable SBS in 13-19, suitable for different types of CATV net.
- AGC control.
- Internal double power which can be changed automatically.
- Automatically shell temperature control.
- Internal microprocessor software has the function of laser monitoring, parameter display, fault warning, net management and so on. Once the working parameter of the laser goes out of the fixed value of the software, the machine will warn.
- The transmitter provides RJ45 and RS232 standard interface for the connecting the computer and monitoring.

2. Installation

2.1 Preparation before installation

2.1.1 Please examine the machine to see if there is distinct

2.1.2 Please examine if the accessories is complete and the quality cards is here.

2.2 Installation

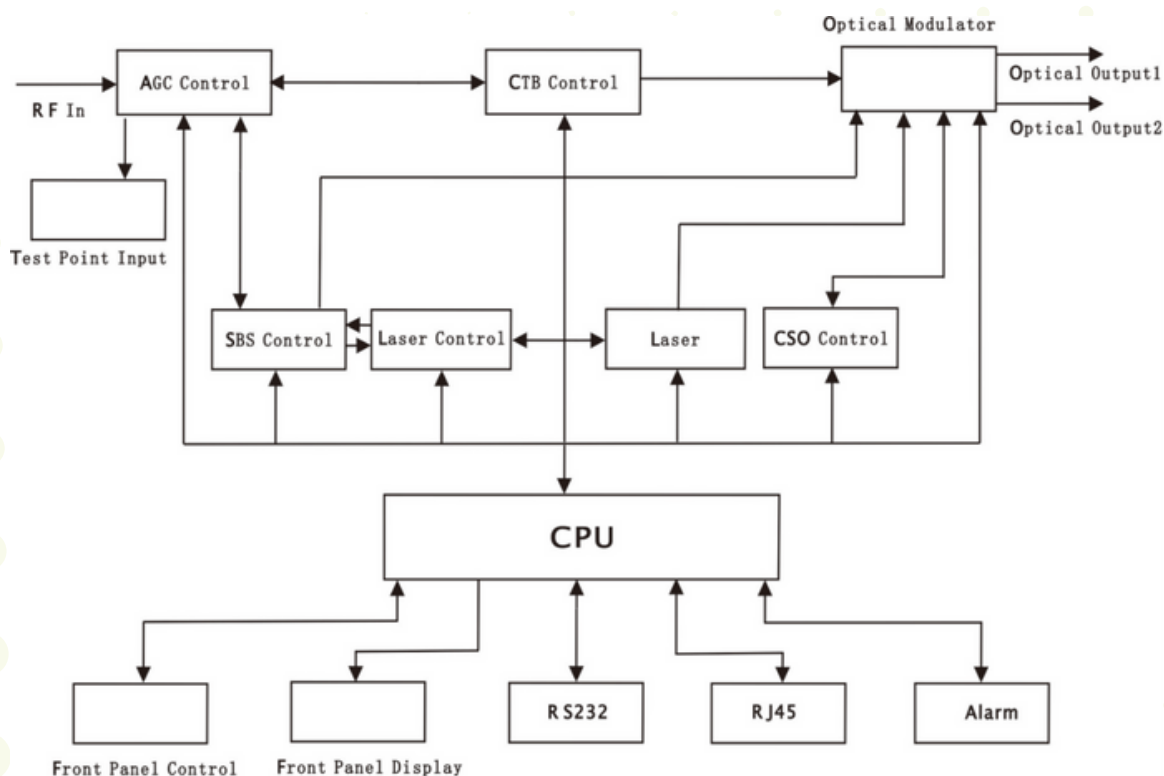
2.2.1 Please keep a space about 4.5cm between machines for ventilation.

2.2.2 Please make sure: the socket works very well and earthed; The impedance $\leq 4\Omega$; 220V power with three cables, the middle one should connected to the ground.

2.2.3 Please makes sure the key is turned to OFF and before the power is connected.

2.2.4 Please keep the interface of the fiber clean before connecting the fiber. The connector could choose FC/APC or SC/APC.

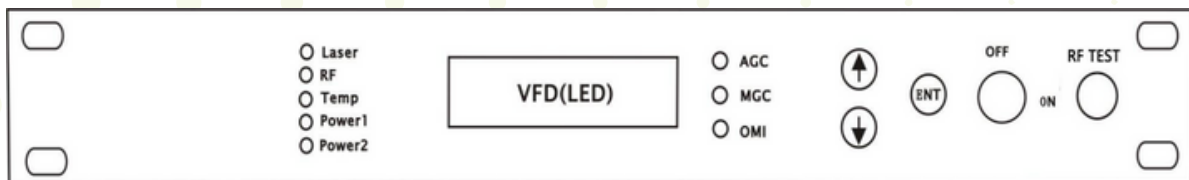
3. Operation



Main Technical Parameters

	Parameter	Index	Remarks
Optical Parameters	Wavelength (nm)	1550±10	
	Output power (dBm)	1×10 or 2×7	JDSU new laser
	Optical return loss (dB)	≥60	
	Connector type	SC/APC	Or FC/APC
RF parameters	bandwidth (MHz)	47~862/1000	
	Input level (dBmV)	23±5	AGC
	Flatness (dB)	≤±0.75	45~862MHz
	Return loss (dB)	≥16	45~750MHz
	Input impedance (Ω)	75	
Link Parameters	channels	PAL-D/60ch	
	CNR (dB)	≥53	65Km fiber, Receive 0dBm
	CTB (dB)	≥65	
	CSO (dB)	≥65	
	SBS (dBm)	13~19	Step 0.1
General Parameters	Net interface	RJ45, R232	
	Power (V)	90~265	Or -48VDC
	Power loss (W)	≤50	
	Working Temp (°C)	0~50	Automatically shell temp control
	Storage Temp (°C)	-20~85	
	Working relative Temp	20%~85%	
Size	mm	483x510x44	W xD xH

Front Panel Instruction



Rear Panel

