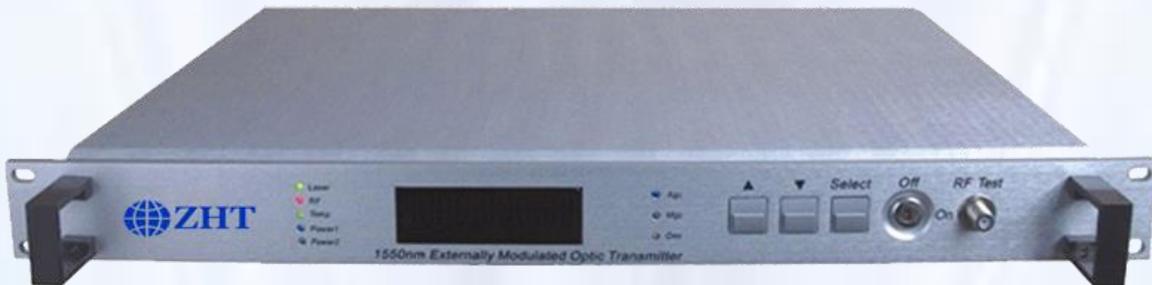


OTE1500 1550nm Direct Modulation Optical Transmitter(High Frequency)

MODEL: OTE-1500



Product description

- OTE1500 1550nm External Modulation Optical Transmitter (High Frequency) is especially designed for the distance transmission of high frequency data, satellite MMD, its max frequency can reach 6000MHz.
- The transmitter adopts original DFB laser as signal source and LiNbO3 modulator.
- Dual power supply can be switched 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 RS232 standard interface for local management.
- The transmitter provides RJ45 standard interface for remote management.

Technical parameters

Items	Parameters	Remarks	
Optical Parameters	Wavelength(nm)	1550±10	
	Laser Type	DFB	
	Modulation Type	External Modulation	
	Output(dBm)	1×3	Or 1×5 / 1×7
	Optical Return Loss(dB)	≥60	
	Fiber Connector	FC/APC	Or SC/APC
RF Parameters	Bandwidth(MHz)	950 ~ 6000	
	Output Level(dBμV)	80±5	MGC
	Flatness(dB)	≤±1.0	
	Return Loss (dB)	> 16	
	Input Impedance(Ω)	50	
General Parameters	Net Interface	RJ45 / RS232	
	Power Supply(V)	90 ~ 265VAC	Or -48VDC
	Power Consumption(W)	≤50	
	Working Temp(°C)	-20 ~ 85	Automatically shell temp control.
	Relative Humidity	1550±10	
	Size(″)	DFB	
	Weight(Kg)	External Modulation	

Due to continuous improvement, all products specifications are subject to change without further notice. Contact us for custom requirements. E-mail: Sales@zhtelecomm.com Website: www.zhtelecomm.com Tel: +86-01081593787 Fax: +86-01081593789