

OTE1500 1550nm Direct Modulation Optical Transmitter

MODEL: OTE-1500



Product description

- It can replace 1550nm external modulation optical transmitter in short distance for 1550nm network ($\leq 20\text{Km}$). It adopts SBS suppress and optical spectrum technology to guarantee relative high SBS, CTB and CSO. It is a economical model with simple structure in low cost but high stability.
- It can be applied for local channel insertion in 1550nm networks
- High-performance DFB laser to provide high quality signal, max output 36Mw.
- Perfect predistortion circuit to guarantee the perfect CTB and CSO when C/N in high standard.
- With AGC/MGC control to guarantee to the stable output in different RF in.
- VFD or LED displays the correct working condition.
- Standard RS232 port for local management and motoring.
- Standard RJ45 port for remote management.
- Switch power supply 90V ~ 265V AC or -48V DC for the user' choice.

Technical parameters

Items	1550-02	1550-04	1550-06	1550-08	1550-10	1550-12	1550-14	1550-16
Output(mW)	≥ 02	≥ 04	≥ 06	≥ 08	≥ 10	≥ 12	≥ 14	≥ 16
Output(dBm)	3.0	6.0	7.8	9.0	10.0	10.8	11.5	12.0
Wavelength(nm)	1528 ~ 1570(Can chosen)							
Fiber Connector	FC/APC Or SC/APC							
Max distance	20Km							
Bandwidth(MHz)	45 ~ 862							
CNR(dB)	51							
CTB(dB)	≥ 65							
CSO(dB)	≥ 60							
RF IN(dB μ V)	When used as a standard machine.						78 \pm 5	
	When used as spots running the program.						70 ~ 110	
Flatness(dB)	≤ 0.75							
Power Consumption (W)	≤ 30							
Power Supply (V)	220VAC or -48VDC							
Working Temp ($^{\circ}\text{C}$)	-20 ~ 85							
Size (")	19"* 11"* 1.75"							
Weight (Kg)	5.0							

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