



UVOT-IX-1550-10

Transmisor optico FTTX 1550nm 10dBm, marca Nextlink

Características del producto:

Overview

Internal modulated 1550nm Optical Transmitter is widely used in short-distance which less than 20KM in 1550nm network, with its perfect SBS suppress,optical Spectrum technology and pre-distortion circuit design to garantee high CTB ,CSO and C/N value;

Product Feature

- * 19"standard rack casing
- * Adopts imported original DFB laser Mitsubishi or Ortel
- * The internal RF driving amplifier and controlling circuit ensure the best C/N.
- * Good Stability
- * VFD display
- * Trouble alarm system and on line management.



Order Information

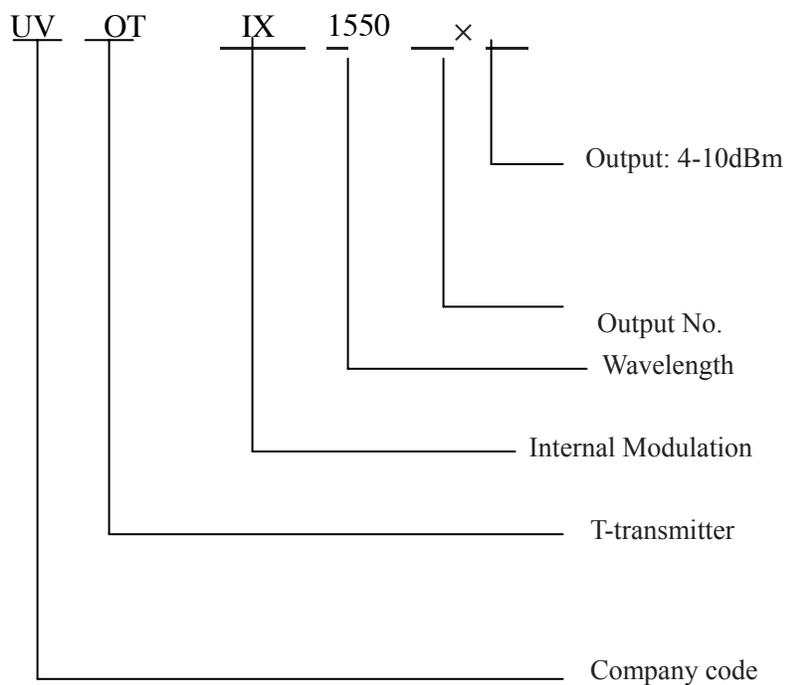
UVOT-IX15-02 (one output, $\geq 2\text{mW}$)

UVOT-IX15-04 (one output, $\geq 4\text{mW}$)

UVOT-IX15-06 (one output, $\geq 6\text{mW}$)

UVOT-IX15-08 (one output, $\geq 8\text{mW}$)

UVOT-IX15-10 (one output $\geq 10\text{mW}$)



Order also should provide:

1. Power supply: 220V AC 110V AC -48VDC

2. Optical connector: FC/APC SC/APC

3. RF connector Metric Imperial

4. With AGC/MGC Yes No

5. Other request.

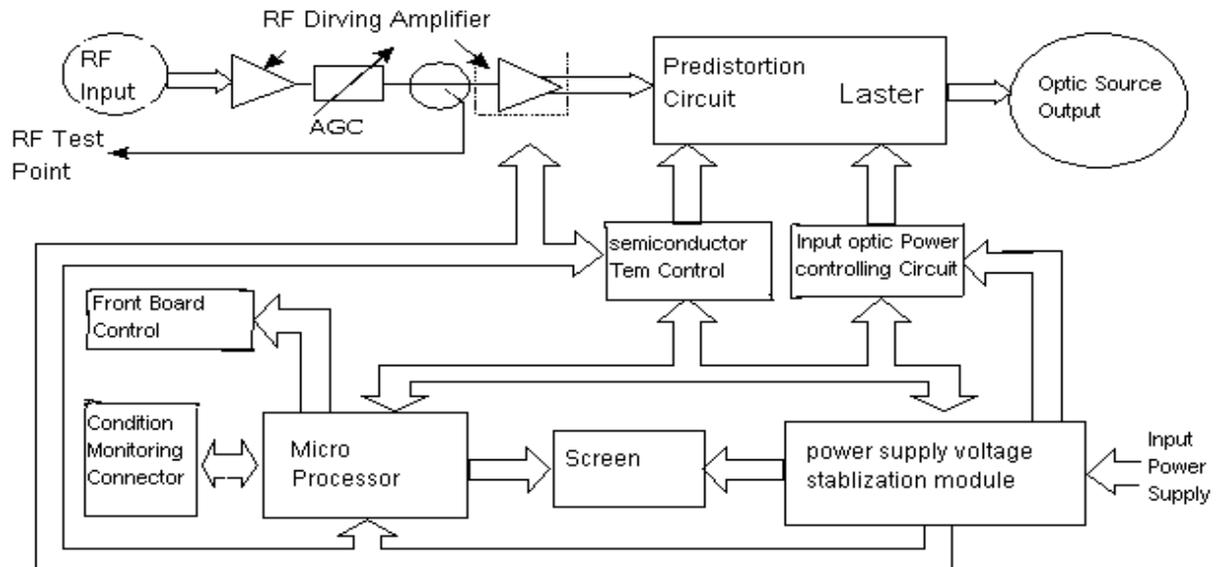


Specification

Model UVOT-IX15	02	04	06	08	10
Optic Power (mW)	2	4	6	8	10
Optic Power (dBm)	3.0	6.0	7.8	9.0	10.0
Optic Wavelength (nm)	1550±10				
Fiber Connector	FC/APC、SC/APC、SC/UPC				
Working Bandwidth(MHz)	47~862				
Channels	84				
CNR (dB)	≥ 51				
CTB (dBc)	≥ 65				
CSO (dBc)	≥ 60				
RF Input Level(dBμV)	No AGC		78±5		
	With AGC		83±5		
Band Unflatness	≤0.75				
Power Loss(W)	≤30				
Power Voltage(V)	220V(110~254)				
Working Tem()	0~45				
Specification	19"×15"×1.75"				



Diagram



Notes

1. Not to eyes directly
2. This model is especially for short distance 1550nm system, the distance should not more than 20km.

Precautions

1. Before installation or operation of unit, please carefully go through the user's manual
2. UVOT-IX15 Series Transmitters should be serviced only by qualified personnel.
3. Before proceeding with installation and/or operation of transmitter, please assure that transmitter is well earthed.
4. UVOT-IX15 series transmitters are Class III laser products. Use of controls, adjustments, and procedures other than those specified herein may result in hazardous laser radiation exposure.



Warranty Terms

UVOT-IX15 Series optical transmitters are covered by **ONE YEAR LIMITED WARRANTY**, which starts from the initial date of your purchase. We provide its customer whole-life technical supports. If warranty is expired, repair service only charges parts (if required). In the event that a unit must be returned for service, before returning the unit, please be advised that:

1. Warranty mark pasted on the housing of unit must be in good conditions.
2. A clear and readable material describes model number, serial number and troubles should be offered.
3. Please pack the unit in its original container. If the original container is no longer available, please pack the unit in at least 3 inches of shock absorbing material.
4. Returned unit(s) must be prepaid and insured. COD and freight collect can not be acceptable.

NOTE: we **do not** assume responsibility for damage caused by improper packing of returned unit(s).

The following situation is not covered by warranty:

1. The unit fails to perform because of operators' faults.
2. Warranty mark is modified, damaged and/or removed.
3. Damage caused by Force Majeure.
4. The unit has been unauthorized alteration and/or repaired.
5. Other troubles caused by operators' faults.

Conversion of Optical Power

mW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
dBm	0.0	3.0	4.8	6.0	7.0	7.8	8.5	9.0	9.5	10.0	10.4	10.8	11.1	11.5	11.8	12.0
mW	17	18	19	20	21	22	25	32	40	50	63	80	100	125	160	200
dBm	12.3	12.5	12.8	13.0	13.2	13.4	14	15	16	17	18	19	20	21	22	23

