

N1382

Outdoor Optical Receiver

User Manual



XIAMEN NAGASIMA ELECTRONIC EQUIPMENT CO LTD

Outdoor Optical Receiver



1. Feature

- Two RF output, 102dB μ V max @ -2dBmW optical input
- Independent E-O transformer
- Optical attenuator and power indicator inside
- RF amplifier: high quality Philips hybrid amplification modules (push-pull+power doublerX2) at 860MHz bandwidth.
- Plug-in 12dB directional coupler or splitter can be chosen for two groups of outputs
- Two outputs are all equipped with arrestors which reduce sudden electrical surges that cause mechanical breakdowns.
- Allow 30-90VAC power supply.
- Uses high efficiency switch power. Indicator lights can assist you to monitor the power supply
- Strand or pedestal installation

2. Block Diagram

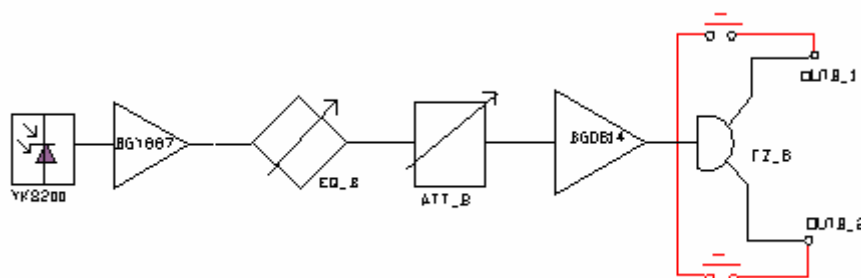


Figure 1

3. Specification

MODEL	Unit	N1284
Input Optical Power	dBm	-7~+2
Optical Return Loss	dB	>45
Wavelength	nm	1100~1600
Optical Fiber Connector	/	FC/APC
Operating Fiber Type	/	One Pattern
RF Frequency Band	MHz	45~862
RF Flatness In Band	dB	±0.75
RF Output Level	dB μ V	84~104
C/N Carrier To Noise Ratio	dB	≥51
Composite Triple Beat (84PAL-D)	dB	-65
Composite Second Order (84PAL-D)	dB	-62
Return Loss	dB	47~550MHz; ≥16 550~750MHz; ≥14
Output Impedance	Ω	75
Thunder Stroke Immunity	KV	5(10/700 μ S)
RF output Port		4

4. Structure

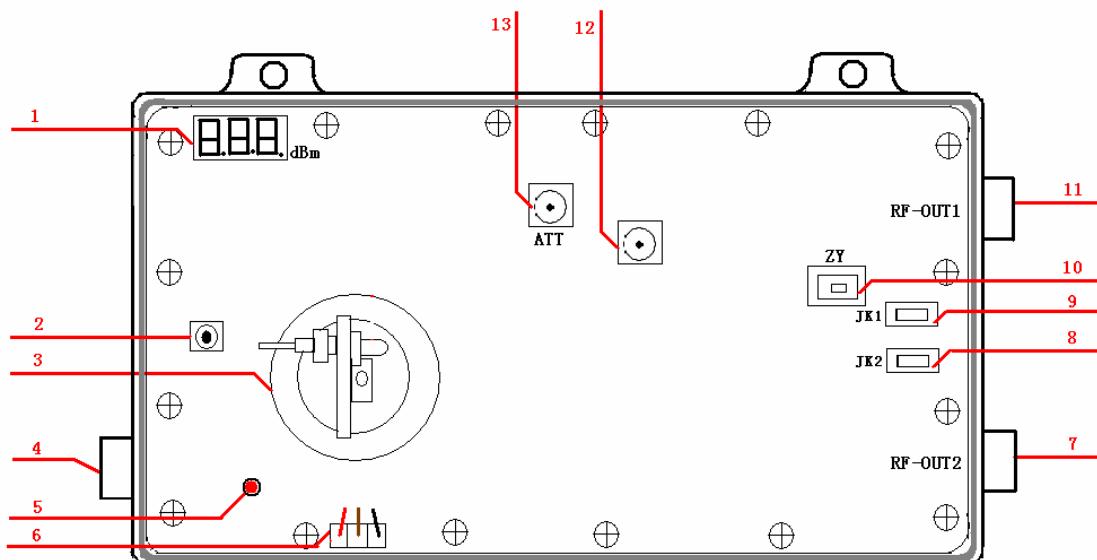


Figure 2

- | | |
|--|---|
| (1) LED OPTICAL LEVEL DISPLAY | (8) OUTPUT Out2 AC POWER JUMPER |
| (2) WAKE UP Button for LED optical level display | (9) OUTPUT Out1 AC POWER JUMPER |
| (3) FIBER Connector | (10) Plug-in directional coupler/splitter |
| (4) 60VAC IN | (11) RF Out1 |
| (5) Power Indicator | (12) ADJUSTABLE EQ |
| (6) Wires | (13) ADJUSTABLE ATT |
| (7) RF Out2 | |

NOTE

If you have any questions or need further information, please feel free to contact us:

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