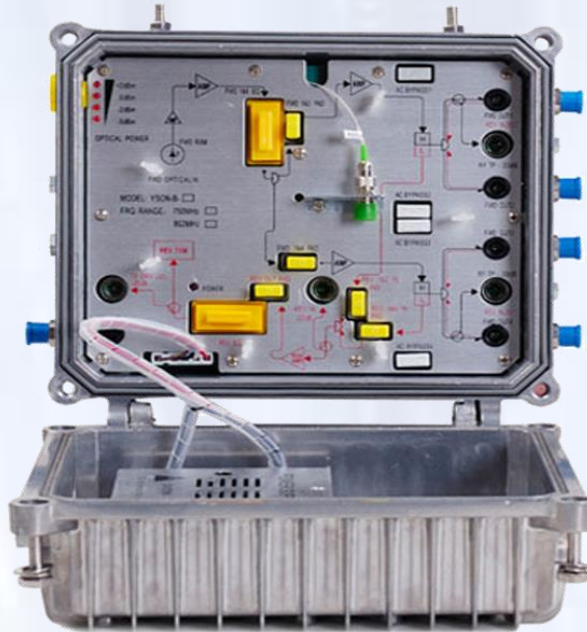


ON-804 Four Ways Outdoor Optical Receiver

MODEL: ON-804



Products Description

ON-804 Four Ways Outdoor Optical Receiver integrates forward optical signal receiving, distribute and reverse transmitter, which is an economical, high performance and high gain device. It is mainly used in the end of optical fiber network, where needs multi-ways high RF output level distribute to subscribe directly, and request bi-directional function. In this way it could reduce the amplifier and make the network more reliable.

The rack adopts the newest waterproof aluminum rack with the most popular aluminum passivation technology. About inside circuit, after the obverse optical signals transform, the forward RF adopts low noise GaAs amplify, even though the optical power is very low, it still can guarantee the whole machine's carrier index.

In order to get the higher non-linearity index, we use the power double module in the end. LED indicator light on the panel displays the forward optical receiving power

Link Parameter

Forward Receiving	Reverse Transmitting
CNR(dB) > 50	CNR(dB) > 50
CSO(dBc) ≤ -62	
CTB(dBc) ≤ -65	

Optical Parameter

Forward Receiving	
Optical Wavelength(nm)	1100 ~ 1600
Input Optical Power Range(dBm)	-9 ~ +2
Optical Connector Type	SC/APC or FC/APC
Optical Return Loss(dB)	≥45
Reverse Transmitting	
Optical Wavelength(nm)	1310±10
Transmitting Optical Power(mW)	1 – 4mw(specify)
Optical Connector Type	SC/APC or FC/APC
Optical Return Loss(dB)	≥45

Other Parameter

Power Voltage	AC180V ~ 250V/AC60V
Power Consumption	< 50W
Working Temperature	-10 ~ 50°C
Storage Temperature	-20°C ~ 65°C
Dimension	260W X 230D X 160H(mm)
Weight	2.5kg

RF Parameter

Item	Forward	Reverse
Frequency Range(MHz)	55/87 ~ 750 55/87 ~ 860	5 ~ 40/65
Flatness In Band (dB)	±0.75	±1
RF Impedance(Ω)	75	75
RF Return Loss(dB)	≥16	≥16
Interstage Attenuation (dB)	Insertor Optional	Insertor Optional
Mid-stage Slope(dB)	Insertor Optional	Insertor Optional
Port Output	104dB μ V/Port Output	> 85dB μ V Input

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
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