

WR1088M/WF Optical Receiver

Is the featured product that we specially designed for FTTH network structure. With small shell, compact and reasonable internal circuit structure and excellent performance indicators. It is the first choice for residential area and home fiber optic network. Include 1550nm. Input Filter



Performance Characteristics

- Excellent AGC performance, when the input range is $-7 \sim +2$ dBm, the output level keeps constant.
- Forward RF branch output, 75Ω impedance.
- Adopt GaAs amplifier device.
- 12V DC voltage power supply.
- Small size and easy to install.

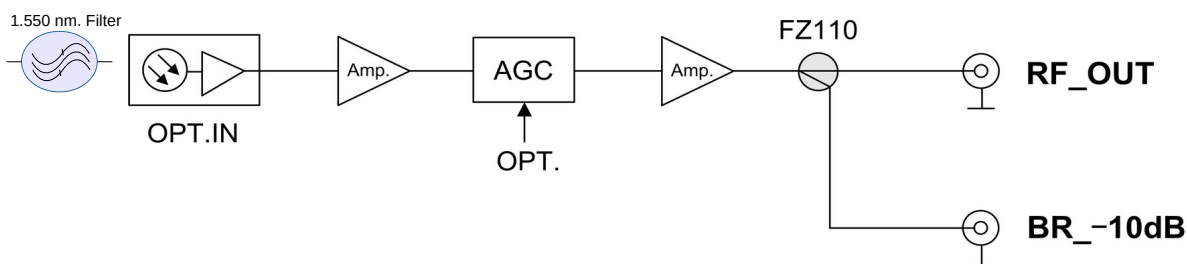
Technical Parameter

Item	Unit	Technical Parameter			
Forward optical receiving part					
Optical Parameters					
Input Optical Power	dBm	$-7 \sim +2$	$-8 \sim +2$	$-9 \sim +2$	$-10 \sim +2$
Output RF Level	dB μ V	88	86	84	82
Optical Return Loss	dB	> 45			
Optical Receiving Wavelength	nm	$1100 \sim 1600$			
Optical Connector Type		SC/APC			
Fiber Type		Single Mode			
Link performance					
C/N	dB	≥ 51	-1dBm optical power receive		
C/CTB	dB	≥ 65			

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C/CSO	dB	≥ 62
RF Parameters		
Frequency Range	MHz	45~ 862/1003
Flatness in Band	dB	±0.75
Output Return Loss	dB	≥ 16
Output Impedance	Ω	75
Consumption	W	< 3
Dimension	mm	105*67*24

Block diagram



Structure



Input optical power indicate description	
Indicator color	Description
Green	Normal
Orange	Low input optical power
Red	High input optical power

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