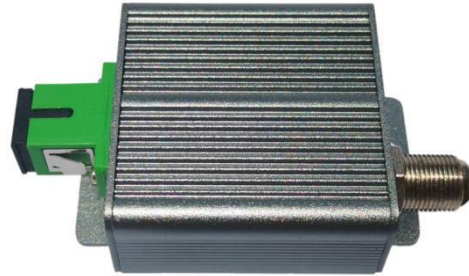


Features:

1. Designed for FTTH(Fiber To The Home) networks
2. Excellent linearity and flatness
3. Wide range of optical input power
4. Single-mode fiber high return loss
5. Using GaAs amplifier active devices
6. Ultra low noise technology
7. Smaller size and easier install
8. Bicolor LEDs for optical power indication (Red: optical power<-12dBm,Green:-12dBm<optical power<+1dBm,Red & Green Flashing: optical power>+1dBm)
9. Build-in optical AGC function
10. Using Aluminum alloy Housing, good heat dissipation performance



Specifications:

Number	Item	Unit	Description	Remark
Customer Interface				
1	RF Connector		F-female	
2	Optical Connector		SC/APC	
3	Power Adapter		DC2.1	
Optical Parameter				
4	Responsivity	A/W	≥0.9	
5	Receive Optical Power	dBm	-18~+3	AGC
			-10~0	
6	Optical Return Loss	dB	≥45	
7	Receive Wavelength	nm	1100~1650	
8	Optical Fiber Type		Single Mode	
RF Parameter				
9	Frequency Range	MHz	45~860	RF
			950~2150	SAT-IF
10	Flatness	dB	±1	
11	Output Level	dBμV	≥80@RF	AGC
			≥78@SAT-IF	
12	CNR	dB	≥50	-1dBm input power
13	CSO	dB	≥65	
14	CTB	dB	≥62	
15	Return Loss	dB	≥14	
16	AGC Stability	dB	±1	
17	Output Impedance	Ω	75	

Other Parameter				
18	Power Supply	VDC	5	
19	Power Consumption	W	<2	
20	Dimensions	mm	80x45x21	