

## SSR4040W

### Features:

1. Model Number: SSR4040W
2. Designed For FTTH (Fiber To The Home Network)
3. Wide optical power (-20dBm to +2dBm).
4. Good Linearity and Flatness
5. Frequency range 45-2400MHz For CATV And Sat-IF End-users
6. Optical Connector: SC/APC
7. Aluminum casting Profiles casing, excellent heat dissipation performance
8. Type RF Output: +79dBuV per channel at 3.5% OMI (22dBmV modulation input)
9. Small and Cute Design for Easy Handling
10. Good RF Shielding Protection
11. Green-LED Optical Power Indication(Optical power >-18dBm)  
Red-LED Optical Power Indication(Optical power <-18dBm)



### Specifications

Number	Item	Unit	Description	Remark
<b>Customer Interface</b>				
1	RF Connector		75Ω"F" connector	
2	Optical Connector(Input)		SC/APC	Type of Optical Connector (Green color)
3	Optical Connector(Onput)		SC/APC	
<b>Optical Parameter</b>				
4	Input Optical Power	dBm	2~-20	
5	Input Optical Wavelength	nm	1310/1490/1550	
6	Optical Return Loss	dB	>45	
7	Optical Isolation	dB	>32	Passing Optical
8	Optical Isolation	dB	>20	Reflect Optical
9	Optical Insert Loss	dB	<0.85	Passing Optical
10	Operating Optical Wavelength	nm	1550	
11	Pass Optical Wavelength	nm	1310/1490	Internet
12	Respsibility	A/W	>0.85	1310nm
		A/W	>0.85	1550nm
13	Optical Fiber Type		SM 9/125um SM Fiber	

<b>RF Parameter</b>				
14	Frequency Range	MHz	45-2400	
15	Flatness	dB	±1	40-870MHz
15		dB	±2.5	950-2,300MHz
16	Output Level RF <sup>1</sup>	dBuV	≥79	At -1dBm Optical Input
16	Output Level RF <sup>2</sup>	dBuV	≥79	At -1dBm Optical Input
18	RF Gain Range	dB	20	
19	Output Impedance	Ω	75	
20	CATV Output Freq. Response	MHz	40 ~870	Test in Analog Signal
21	C/N	dB	42	-10dBm inpput,96NTSC,OMI+3.5%
22	CSO	dBc	57	
23	CTB	dBc	57	
24	CATV Output Freq. Response	MHz	40 ~1002	Test in Digital Signal
25	MER	dB	38	-10dBm inpput,96NTSC
26	MER	dB	34	-15dBm inpput,96NTSC
27	MER	dB	28	-20dBm inpput,96NTSC
<b>Other Parameter</b>				
28	Power Input Voltage	VDC	5V	
29	Power Consumption	W	<2	
30	Dimensions(LxWxH)	mm	50× 88× 22	
31	Net weight	KG	0.136	Not included power adapter