

## Micro CATV FTTH WDM Optical Receiver (SR100F-WD)

### Features

1. Model Number: SR100F-WD; Brand:
2. Designed for triple play FTTH
3. Built-in WDM, suitable for single-fiber triple wavelength system, RFTV operating wavelength 1550nm, passwavelength 1310/1490nm, can conveniently connect the ONU of GEAPON, GPON.
4. No Power Required
5. Frequency range 40-1000MHz For CATV Network
6. RF Interface for CATV End-Users (M-Male or F-Female )
7. Optical Output Interface SC/PC for data
9. PVC Casing(Color can be customized)
10. Much smaller size and very easy install



### Specifications

Number	Item	Unit	Description	Remark
Customer Interface				
1	RF Connector		75Ω "M-Male & F-Female" connector	
2	Optical Input Connector		SC/APC	
3	Optical Output Connector		SC/PC	
Optical Parameter				
4	Input Optical Power	dBm	-10 ~ +2	Digital TV
5	Optical Return Loss	dB	>45	
6	Operating Wavelength	nm	1550±10	
	Responsivity	A/W	≥0.9	1310-1490nm
7	Optical Fiber Type		Single Mode	
RF Parameter				
8	Frequency Range	MHz	40-1000	
9	Flatness	dB	±1dB	
10	RF Output Level	dBuV	≤62	-1dBm input power
11	Output Return Loss	dB	≥15	
12	Output Impedance	Ω	75	
13	C/N	dBc	>50	-1dBm input power
Other Parameter				
14	Power Input Voltage	VDC	0	
15	Power Consumption	W	N/A	
16	Dimensions	mm	36*13	
17	Net weight	KG	0.02	