

**MINI RECEPTOR ÓPTICO
47-1000MHZ FTTH**

SOFTTEL®



DESCRIPCION

Mini Nodo Óptico FTTH
Con Filtro 1550nm Solo CATV

MODELO

SR201F

CODIGO WT

4282105

Casa Central

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1 - APLICACIÓN

- Red de amplificación de fibra mono-modo 1550nm
- Redes CATV y FTTH

El **SR-201F**, es un micro nodo de aplicación en redes FTTH, con entrada óptica de 1550nm. Y salida de RF en la banda de CATV.

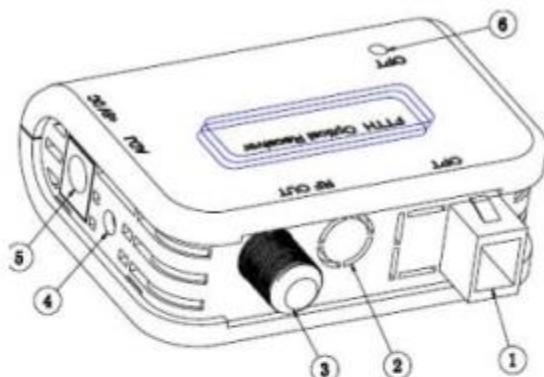
Requiere fuente externa 5Vcc.

Nivel máximo de RF 18dB

2 - CARACTERÍSTICAS

No	Description	value	Unit	Conditions / Notes
1	Wavelength	1100~1600	nm	SR201
		1550	nm	SR201F
2	Optical Power Input Range	-20~-1	dBm	Recommend -18 to -1
3	Optical Input Return Loss	≥45	dB	
4	Bandwidth	47~1003	MHz	
5	Flatness	±0.75	dB	47~1000MHz, At 25 °C
6	Slope	0~1.0	dB	47~1000MHz, At 25 °C
7	Temperature Stability	± 1.0	dB	In the operating tem range (-25 ~ +65 °C)
8	Output Level	78±2	dBuV	-15dBm input optical power, per channel modulation 4.0%, in the 860MHz point test, at 25 °C
9	Impedance	75	Ohm	
10	Return Loss (47~1000MHz)	≥14	dB	At 25 °C
11	MER	≥34	dB	-15~-4dBm input optical power
12	Power	< 0.8	W	
13	Operating Temperature	-25~65	°C	
14	Storage Temperature	-40~70	°C	
15	Storage Humidity	≤95	%	Non- condensation
16	Optical Connector Type	SC/APC		FC/ST Optional
17	Power interface	DC5V/0.5A		External adapter
18	RF Output Connector	F connector		2 out optional
20	Dimension	74×64×27	mm	
21	Weight	0.15	kg	

3 – CONFIGURACION



No	Interface	Description
①	Input Optical Interface	SC/FC/APC Connectors optional
②	RF OUT	RF OUT1 F connector
③		RF OUT2 optional
④	ADJ	AGC Button , press ADJ to get different AGC arrange , The four different AGC range will be change circularly, and the OPT indicator will shine
⑤	+5VDC	Power adaptor port
⑥	OPT	LED Indicator , the different color shows different work status, it will shine when press ADJ button ,the shine time will show the AGC arrange when you turn on ,see detail as AGC function No3

Description	Parameter	unit	Noted
AGC arrange	-10~+0	dBm	Optional
	-12~-2		
	-15~-5		
	-16~-6		
Indicator			
OPT	Three color light	N/A	Optical power <-20dBm. red indicator; Optical power -20~2dBm. green indicator Optical power >2dBm. orange indicator; -----