

RHR-1095

FTTH Optical Receiver



Application

1. Home use optical receiver in FTTH network
2. Other FTTx network

Features

1. Compact Housing for home use.
2. Adopt Low noise GaAs Amplifier.
3. Input power range $-7\sim+2$ dBm.
4. AGC control range $-6\sim+1$ dBm
5. Output level $95\sim98$ dBuV.
6. Input power indicator.
7. Equalizer and Attenuator adjustable.
8. 20dBm test port.
9. Support build-in WDM and Filter.

Datasheet

Parameter	Unit	Index
Optical Parameter		
Operating Wavelength	nm	1290~1600
Input Power	dBm	$-7\sim+2$
AGC Range	dBm	$-6\sim+1$
Optical Connector	/	SC/APC
Optical Return Loss	dB	55
RF Parameter		
Frequency Range	MHz	45~862MHz
RF Connector	/	F-Female
RF Output Impedance	Ω	75
RF Output Level	dBuV	95@-2dBm input
RF Flatness	dB	± 0.5
RF Return Loss	dB	>16
Adjustable Attenuation Range	dBm	0~20
Adjustable Equalization Range	dBm	0~18
Link Parameter		
CNR	dB	>49 @-2dBm input
CSO 59channels	dB	≥ 60
CTB 59channels	dB	≥ 60
General Parameter		
Power Supply	V DC	12
Power Consumption	W	<4.5
Working Temp.	$^{\circ}\text{C}$	$-10\sim+60$
Storage Temp.	$^{\circ}\text{C}$	$-40\sim+85$
Dimension	mm	122*73*28
Weight	kg	0.335