

GFH1002 FTTH RF Optical Receiver

GFH1002 Optical Receiver is designed for PON FTTH broadband analog or digital RF services. Working at extremely low optical input power, GFH1002 still generates excellent broadband RF signals for home subscribers.



Feature:

- High Linearity Photodiode
- 2150MHz Bandwidth
- Low noise GaAs Amplifier
- Compact Housing
- 12V DC External Power Supply

Specifications

Item	Parameter
Input Optical Wavelength	1000~1600 nm
Working Optical Power	+2 ~ -8 dBm
Optical Connector	SC/APC
Optical Return Loss	55dB
RF Bandwidth	45 ~ 2150 MHz
RF Connector	English F
RF Output Impedance	75Ω
RF Output Level	20dBmV @ -5dBm input optical Power, 500MHz
RF Flatness	± 3dB
RF Return Loss	>10 dB
CNR	>47 dBc @ -5dBm input optical power
CSO	<-70 dBc @77ch NTSC
CTB	<-70 dBc @77ch NTSC
Power Supply	12 V DC, Power Adapter Meet UL or CE or PSE or CCC
Power Consumption	< 3.5W
Working Temperature	-10 ~ +60°C
Storage Temperature	-40 ~ +85°C
Dimension (L*W*H)	85mm×80mm×28mm
Weight	0.25 Kg (not including power adapter)

Ordering Information

GFH1002-X FTTH Broadband Optical Receiver

X (Power Adapter): D_Default, C_CE certified, P_PSE Certified, U_UL Certified