



## FTTH-100 MINI AGC FTTH Optical Receiver

**MODEL: FTTH-100**



### Summary

FTTH-100 Mini AGC FTTH Optical Receiver is designed for PON FTTH broadband analog or digital RF services. Working at extremely low optical input power, FTTH-100 still generates excellent broadband RF signals for home subscribers.

#### Features

- High Linearity Photodiode;
- 1GHz Bandwidth;
- Low noise GaAs Amplifier;
- Compact Housing;
- 12V DC External Power Supply.

### Specifications

Item	Parameter
Input Optical Wavelength	1290 ~ 1600 nm
Working Optical Power	-7 ~ +1dBm AGC
Optical Connector	SC/APC
Optical Return Loss	55 dB
RF Bandwidth	40 ~ 1000MHz
RF Connector	F Female
RF Output Impedance	75Ω
RF Output Level	85 dBμV @ -7 ~ +1 dBm AGC input
RF Output Stability In AGC Range	±1 dB
RF Flatness	± 0.5 dB
RF Return Loss	>16 dB
CNR	>50 dB @ -2 dBm input
CSO 59channels	≥65 dB
CTB 59channels	≥65 dB
Power Supply	12 V DC
Power Consumption	< 2.8 W
Working Temperature	-10 ~ +60°C
Storage Temperature	-40 ~ +85°C
Dimension (L*W*H) (mm)	69x64x28
Weight	13 g (not including power adapter)

**Due to continuous improvement, all products specifications are subject to change without further notice. Contact us for custom requirements. E-mail: [Sales@zhtelecomm.com](mailto:Sales@zhtelecomm.com) Website: [www.zhtelecomm.com](http://www.zhtelecomm.com) Tel: +86-01081593787 Fax: +86-01081593789**