

## FTTH NODE



FTTH is a special optical receiver product for FTTH network structure. The internal circuit of the special product is made of MMIC. This product is very popular in international market because of high gain and better ESO & UIB.

### Features:

- Very high quality of photo electric conversion is developed through PIN decodes.
- Special MMIC is used for RF amplification. It is very sensitive and produces noise free output.
- External 8V DC adapter is used to operate which consume very less power.



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## Specification:

- Received Optical Power Range : -15 ~ +2dBm
- Optical Return Loss : >45dB
- Optical Receiving wavelength : 1100 ~ 1600nm
- C/N :  $\geq 50$ dB
- C/CTB :  $\geq 65$ dB
- C/CSO :  $\geq 64$ dB

## Product Series:

### 1. FTTH with LED Power Indicator

Optical Power: 0 to -15 dBm

Variable Gain Attenuator

LED Power Indicator

### 2. FTTH with Digital Display

Optical Power: 0 to -15 dBm

Variable Gain Attenuator

Digital Power Display

### 3. FTTB

Optical Power: 0 to -15 dBm

AGC CIRCUIT

LED Power Indicator