



Features

- 1GHz Bandwidth
- Low optical input power(-7~+1dBm)
- Low noise GaAs Amplifier
- High Linearity Photodiode
- Compact Housing

Specifications

Item	Parameters
Model	FCOR-2085G
Input Optical Wavelength	1100~1600 nm
Input Optical Power	-7 ~ +1dBm AGC
Optical Return Loss	≥55dB
Optical Connector	SC/APC
Operation Bandwidth	45MHz ~ 1GHz
Output Level	85dBuV @ -7~+1dBm AGC input
Slope	0dB
Flatness	±0.5dB
RF Connector	F Female
Output Impedance	75Ω
Output port number	1
Output stability in AGC range	±1dB
RF Return Loss	>16 dB
CNR	>50dB @ -1dBm receiving
CSO	≥65dB

FTTH CATV OPTICAL RECEIVER DATASHEET

CTB	≥65dB
Power Supply	12 VDC
Power Consumption	2.3W
Dimension (L*W*H)	69*64*28mm
Weight	0.15KG
Operation Temp.	-20 ~ +50 °C
Storage Temp.	-40 ~ +85 °C