



Features

- 1GHz Bandwidth
- WDM option to achieve single fiber bi-directional transmission
- Low noise GaAs Amplifier
- High Linearity Photodiode
- Compact Housing

Specifications

Item	Parameters
Model	FCOR-2285S
Downstream signal path	
Optical wavelength	800~1600nm
Optical input power range	-8~+1dBm
Recommend input power	-3~+1dBm
Optical connector	FC/APC, SC/APC optional
Fiber type	Single mode fiber
Frequency range	54/87~1GHz
Output return loss	≥16dB
Output level	≥85dBuV
Flatness	≤1dB
Output impedance	75Ω
C/N 59 channels	≥52dB
CTB 59channels	≤-68dB
CSO 59channels	≤-70dB
Upstream signal path	

FTTH CATV OPTICAL RECEIVER DATASHEET

Centre wavelength	1310 nm 1550nm or 1610 nm
Laser type	FP or DFB
Optical output power	1~4mW
Optical connector	FC/APC, SC/APC optional
Fiber type	Single mode fiber
Frequency range	5~35/42/65 MHz
output return loss	≥14 dB
Input level	85~90 dBuV
Input impedance	75Ω
General	
Power Supply	12 VDC
Power Consumption	5W
Dimension (L*W*H)	165*85*35mm
Weight	0.35KG
Operation Temp.	-20 ~ +50 °C
Storage Temp.	-40 ~ +85 °C