



Features

- Built-in WDM Filter
- RF output level adjustable for -20dB
- Extra-low noise (3.5% modulate, -10dBm receive, CNR ≥ 45dB)
- High Linearity Photodiode
- Compact Housing

Specifications

Item	Parameters
Model	FCOR-2095WF
Input Optical Wavelength	1290~1600nm
Input Optical Power	-8 ~ +2dBm
Optical Return Loss	≥55dB
Optical Connector	SC/APC
Operation Bandwidth	45MHz ~ 1GHz
Output Level	95dBuV@-1dBm input, (20dB adj.)
Slope	0dB
Flatness	±0.75dB
RF Connector	F Female
Output Impedance	75Ω
Output port number	1
RF Return Loss	>16 dB
CNR	>48 dB @ -1dBm receiving

FTTH CATV OPTICAL RECEIVER DATASHEET

CSO	≥60dB
CTB	≥58dB
Power Supply	12 VDC
Power Consumption	2.3W
Dimension (L*W*H)	100*80*28mm
Weight	0.2KG
Operation Temp.	-20 ~ +50 °C
Storage Temp.	-40 ~ +85 °C