

Features

- ◇ E-O low noise high sensitivity PIN optical detector
- ◇ Imported microwave diode for push-pull amplify.
- ◇ Wide range of input optical power
- ◇ Suitable for FTTH network with built-in power



Description

YOUXIN OR3100 is a type of bi-directional optical receiver with high performance, low cost and economical. It is applicable to various application of the HFC network fiber to the home (FTTH), and can provide high reliability analogue, digital video frequency and data bi-directional transmission for the HFC network.

Parameter

Item	Specification
Forward optical receive parameter	
Optical parameter	
Input power range	-7~+2 dBm
Suggested work range	-3~+1 dBm
Optical return loss	>45 dB
Optical wavelength	1100~1600 nm
Operating fiber type	single mode
System parameter	
C/N	>50 dB
C/CTB	>65 dB
C/CSO	>63 dB
RF parameter	
Frequency range	45~862 MHz
Flatness	±0.5(45~550 MHz) ±0.75(550~862 MHz) dB
Rated output level	85 (Input Optical Power -2dBm) dBuV
Max. output level	95 dBuV
Return loss	≥10 dB
Output impedance	75Ω
Impedance	75 Ω.
Connectors	FC/APC
Power supply	AC 220-240V

Applications

- ◇ HFC/CATV network

3100 Optical Receiver

YOUXIN

www.youfibercable.com
