

OR2000 mini Optical Receiver

Features

- ◇ Adopt GaAs amplifier device.
- ◇ Forward RF branch output, 75 Ω impedance.
- ◇ Wide range of input optical power
- ◇ Suitable for FTTH network 12V DC voltage power supply.



FCC CE RoHS

www.youfibercable.com

Description

YOUXIN OR2000 fiber optic receiver is the featured product that we specially designed for FTTH network structure. With small shell, compact and reasonable internal circuit structure and excellent performance indicators. It is the first choice for residential area and home fiber optic network.

Parameter

items	unit	parameter	
Model		OR-2000-2	OR-2000-1
optical			
receiving optical power	dBm	-10~+2	
optical return loss	dBm	≥45	
receiving optical wavelength	nm	1290~1600	1510~1590
AGC function	-	optical control of AGC	
AGC scope	dBm	-8~0	
Optical connector	-	SC/APC or FC/APC	
optical link performance			
C/N	dB	≥46.5@-8dBm	
C/CTB	dB	≥65	
C/CSO	dB	≥60	
RF			
frequency scope	MHz	45~1002	
flatness in band	dB	±1	
max. Rf output level	dBμV	≥78dBuV@-8dBm	
rf output impedance	Ω	75	
output return loss	dB	≥14	
rf output port		1 or 2	
other			
power supply		AC100~240	
SNMP	-	-	
optical power display	-	three color LED	
working temperature	°C	-20~+55	
storage temperature	°C	-40~+65	
power consumption	W	3.2 (Max)	
outer size	mm	87*67*22	
net weight	Kg	0.2	

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Applications

- ◇ HFC/CATV network

