

FTTH CATV Receiver: OR3000

Overview

OR3000 type optical receiver is one high-performance receiver which is only designed for FTTH application scene. It adopts equivalent input of very low noise differential amplifying circuit, cooperate with wide range of optical control AGC circuit to make sure the receiver can have excellent CTB, CSO and C/N Ratio under wide range of input.

Specifications

Items	Units	Specifications
Input wavelength range	nm	1290~1600
Optical connector		SC/APC
Input optical power scope	dBm	-12~+2
Optical control AGC scope	dBm	-8~+1
Optical return loss	dB	≥45
Flatness	dB	≤±0.75
Frequency scope	MHz	47~862
Numbers of output	↑	1
Nominal output level	dBuV	≥72@-8dBm
Output reflection consumption	dB	≥14
C/N	dB	≥46.5@-8dBm
CTB	dB	≥65
CSO	dB	≥60
Power supply (adapter input)	V	AC100~240V
Power consumption	W	3.5 (max)
Working temperature	℃	-40~+55
Outer Dimension	mm	130×60×25
Net Weight	Kg	0.26
Gross Weight	Kg	0.30