

# OR2004R



## Description

OR2004R is a return path receiver with 4 way independent path receiving and amplifier. World-class low noise PD and microwave transistor and high performance high pass filter rejection circuit ensure more flexibility.

- ◆ Pin-diode receiving module( E-O or Ortel ).
- ◆ Wide range of optical input power.
- ◆ Frequency range 5 ~ 200MHz.
- ◆ Low distortion, high sensitive.
- ◆ Low noise, high S/N ratio.
- ◆ VFD, 19" 1U standard framework.,RS-485 RS-232 port.



## Electrical performance

Item	Unit	Specification
<b>Optical Parameter</b>		
Power Range	dBm	+3~-15
Optical Wavelength	nm	1310、1550
Optical Return Loss	dB	≥45
Passband Flatness	dB	±1.5
Noise Power Ratio Dynamic Range	dB	≥15 (NPR≥30dB) DFB
<b>RF Parameter</b>		
Frequency Range	MHz	5~65/200
Output Power Level	dBuV	≥90 (Received Level at -8dBm)
Output Impedance	Ω	75
Return Loss	dB	≥16
Output Level Adjustment	dB	20
Output Level stability	dB	±1.5 (-25℃~+55℃)
Test port	dB	-20

## General

- ◆ Connectors : FC/APC or SC/APC, F connector imperial thread
- ◆ Power Supply : AC220V±10% (50Hz) or DC -48V
- ◆ Power Consumption : 25W
- ◆ Operating Temperature : 0 ~ +45 °C
- ◆ Storage Temperature : -20 ~ +45 °C

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- ◆ Relative Humidity : max 95% no condensation
  - ◆ Dimension: 483 (L)\*282 (W)\*44 (H) mm
  - ◆ Weight: 3.8 KGS