



WR2004R 4-output Return Optical Receiver



1. Summary

WR2004R built-in 4-output independent return receive modules, suitable for CATV city bi-directional network. Easy to use, performance to price ratio high, it has used at large and middle-size city network.

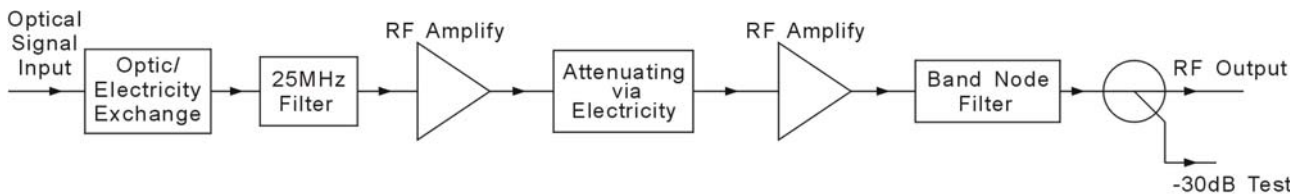
2. Performance Characteristic

- Each module independent receive and amplify. Output level is independently adjustable.
- 19"1U standard case installation
- Build integrated bi-directional alternation system for user
- Adopt U.S. E-O or PHOTON optical receive parts with small distortion and high sensitivity
- Adopt Philips microwave tube push-pull amplify circuit with high index and good C/N.

3.Performance Parameters

ITEM	UNIT	PARAMETER	
Receive Optical Power	dBm	+3 ~ -15	
Rated Optical Wavelength	nm	1310 & 1550	
Connector Type		FC/APC, SC/APC	
Optical Return Loss	dB	≥45	
Frequency Range	MHz	5~65/200	
Output Level	dB μV	≥90 (Receive -8dBm)	
Flatness in Band	dB	±1.5	
Return Loss	dB	≥16	
Output Impedance	Ω	75	
Adjustable Range of Output Level	dB	20	
RF Test Port	dB	-20	
RF Output Level Stability	dB	±1.5 (-25°C ~ +55°C)	
NPR	dB	≥ 15 (NPR ≥ 30 dB) Use Transmitter with DFB Laser	≥ 10 (NPR ≥ 30 dB) Use Transmitter with FP Laser
Supply Voltage	V	AC 220V ± 10% (50Hz) or DC -48V	
Consumption	W	25	
Operating Temperature	°C	0 ~ 45	
Relative Humidity	%	Max 95% No Condensation	
Dimension	mm	483 (L) X 282 (W) X 44 (H)	

4.Principle Drawing



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