



## Trivia TP4R - Return Path Optical Receiver



### Summary

Trivia TP4R built-in 4 output independent return receiving modules, suitable for CATV bi-directional network.

### Characteristic

- \* Independent receiving and amplifying module. Output level is adjustable.
- \* Standard 19" 1 U housing.
- \* PHOTON optical receive parts with low distortion and high sensitivity.
- \* Adopt Philips microwave tube push-pull amplify low noise and good performance. Frequency range 5-200 MHz.

### Parameters

ITEM	UNIT	PARAMETER	
Receive Optical Power	dBm	+3—15	
Rated Optical Wavelength	nm	1310&1550	
Connector Type		SC/APC	
Optical Return Loss	dB	≥45	
Frequency Range	MHz	5~200	
Output Level	dBμV	≥90(Receive-10dBm)	
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□~+55□)	
NPR	dB	≥15(NPR≥30dB) Use Transmitter With DFB Laser	≥10(NPR≥30dB) Use Transmitter With FP Laser
Supply Voltage	V	AC220±10%(50Hz) or DC-48V	
Consumption	W	25	
Operating Temperature	C	0~45	
Relative Humidity	%	Max×95% No condensation	
Dimension	mm	483(L)×282(W)×44(H)	