



# Z-TRONIK OPTICAL RECEIVER



## 4-Way Output Return Optical Receiver

WR-2004R 4-output return optical receiver is used for forward return receive of TV image signal, digital TV signal telephone sound signal and data (or compressed data) signal.

WR2004R 4-output optical receiver has added an advanced automatic power control circuit and a high-performance multi-band-pass filter, which not only effectively improving the signal to noise ratio of the reverse channel indicators, but also making the RF output level constantly, and further more, it enhances the reliability for the uplink of cable HFC network.

Four independent optical receive units are setup in the 19"1U standard rack of WR2004R 4-output optical receiver, each unit receives and amplifiers independently, the adjustable output level with independent monitoring port; rational structure, high integration, convenience installation and debugging.

Item	Unit	Parameter	
Receive Optical Power	dBm	+3 ~ -15	
Rated Optical Wavelength	nm	1100 ~ 1600	
Propose Use Range	dBm	0 ~ -8	
Optical Return Loss	dB	≥ 45	
Connector Type		FC/APC、SC/APC	
Optical Fiber Type		Single Mode	
C/N	dB	≥ 5.1	
C/CTB	dB	≥ 63	
C/CSO	dB	≥ 60	
Frequency Range	MHz	5/25 ~ 65/200	
Flatness in Band	dB	±0.75	
Output Level	dBμV	≥ 96 (0 ~ -8dBm)	
Output Return Loss	dB	≥ 16	
Output Impedence	Ω	75	
Adjustable Range of Output Level	dB	20	
RF Test Port	dB	-20	
NPR	dB	≥ 15 (NPR≥30dB) Transmitter With DFB Laser	≥ 10 (NPR≥30dB) Transmitter With FP Laser
Supply Voltage	V	AC 220±10% (50Hz)	
Operating Temperature	℃	-10 ~ +45	
Storage Temperature	℃	-30 ~ +70	
Relative Humidity	%	Max 95% No Condensation	
Consumption	W	≤ 20	
Dimension	mm	483 (L) × 295 (W) × 44 (H)	