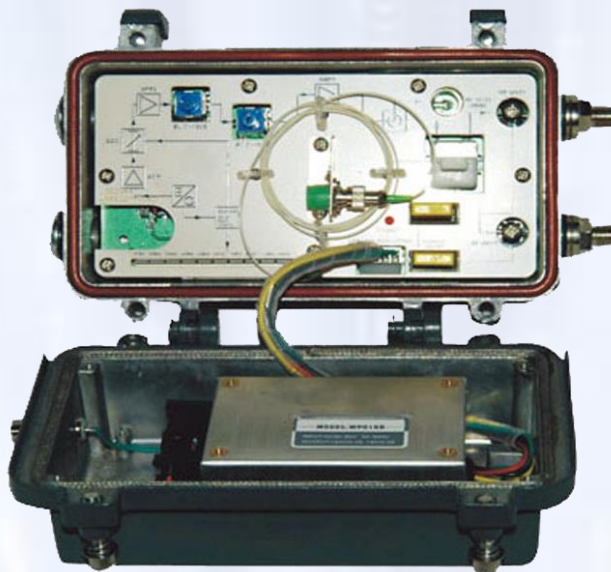


ON802AH Optical Receiver

MODEL: ON-802AH



Products Description

- ON802AH optical receiver is our new development products that especially used in CATV network. The pre-amp adopts GaAs MMIC amplify module and the post-amp adopts GaAs power double amplify module (the series have two kinds of model, one is M model that the RF attenuation and equilibrium design adopts successive adjustability, the other is MF model which adopts un adjustable insert, or as per customer, adopts other module).With optimization design and plentiful technical experience that made this equipment with high performance specification. It is a ideal model for CATV network.
- Performance Characteristics
- High responsible, With PIN photoelectric converter;
- High precision, with 10 cascade LED display the optical power;
- Optimization and typical circuit design, the pre adopts SMT process and the post adopts module amplify that made the photoelectric signal transmission fluency;
- Convenient debugging with adjustable RF ATT and EQ;
- Power double output, high gain and low distortion;
- With AGC, when the input power range is -7 ~ +2dBm, the output level, CTB and CSO are keep constantly;

Technical parameter

Item	Unit	Parameter
Receive Optical Power	dBm	-7 ~ +2
Optical Return Loss	dB	>45
Optical Receive Wavelength	nm	1100 ~ 1600
Optical Connector Type		FC/APC,SC/APC or name by customer
Optical Fiber Type		Single
C/N	dB	≥51(when the input:-2dBm)
C/CTB	dB	≥65
C/CSO	dB	≥60
Frequency Range	MHz	45 ~ 862
Flatness In Band	dB	±0.75
Standard Output Level	dBμV	≥105(7~2dBm) ≥108(7~2dBm) ≥105(-7~2) ≥108(-7~2)

				dBm)	dBm)
Max Output Level	dB μ V	≥ 105	≥ 114	≥ 105	≥ 114
Output Return Loss	dB	≥ 14			
Output Impedance	Ω	75			
Adjustable Equalizer Range	dB	0 ~ 15			
Adjustable Attenuator Range	dB	0 ~ 15			
Power Voltage	V	AC(130 ~ 265)V or AC(35 ~ 85)V			
Operating Temperature	$^{\circ}$ C	-40 ~ 60			
Storage Temperature	$^{\circ}$ C	-40 ~ 65			
Relative Humidity	%	Max 95% No Condensation			
Consumption	VA	≤ 15			
Dimension	mm	185(L)*140(W)*91(H)			

Due to continuous improvement, all products specifications are subject to change without further notice. Contact us for custom requirements. E-mail: Sales@zhtelecomm.com Website: www.zhtelecomm.com Tel: +86-01081593787 Fax: +86-01081593789