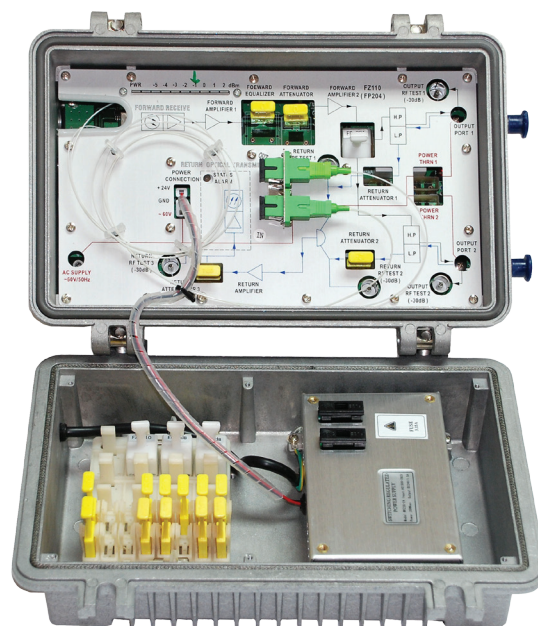


Trivia N2-86 Optical Receiver

Summary :

- Trivia N2 field optical receiver adopts high-performance optical receiving module, front-class adopting Philips low-noise microwave tube amplifier and output-class adopting a power doubler (or push-pull) module amplifier. It is not only performance excellent, but also
- performance to price rate high, fit for using at middle or small CATV network.



Characteristics :

- Adopt high-performance optical receiver module, signal photoelectric transition efficiency high.
- Adopt power doubler (or push-pull) output module.
- Built-in plug-pull equalizer, attenuator and output brancher component, 8-class optical power display.
- Strict anti-thunder system, and high-reliability switch power.

Parameter :

Items	Unit	Technique parameter
Forward Optical Parameter		
Input Optical Power	dBm	-5~+2
Suggested work range	dBm	-3~+1
Optical Return Loss	dB	>45
Optical Fiber Connector		SC/APC, (FC/APC optional)
Operating Fiber Type		Single mode
C/N	dB	≥51
C/CTB	dB	≥65
C/CSO	dB	≥60
Frequency Range	MHz	45~862
Flatness in Band	dB	±0.5(45~550MHz), ±0.75(550~750MHz)
Suggested Output Level	dBμV	≥100 (Input OdB)
Return Loss	dB	≥16(45~550MHz), ≥14(550~750MHz)
Output Impedance	Ω	75

Items	Unit	Technique parameter
Reverse Transmission Function Parameter		
Wavelength	nm	1310±10
Output Optical Power	dBm	1~5
RF Frequency Band	MHz	5~65 (or specified by user)
Flatness	dB	±1
RF Input Level	dBμV	90~95
Optical Fiber Connector		SC/APC, (FC/APC optional)
Output Impedance	Ω	75
General Response		
Power Voltage (50Hz)	V	A:~(130~265)V B:~(35-75)V
Power Consumption	VA	20
Dimension	mm	325x220x135