

# PR-8604M OPTICAL AGC FIELD OPTICAL RECEIVER



## Product brief introduction

PR-8604M is our new high-class 2-way output CATV network optical receiver. The pre-amplifier adopts all-GaAs MMIC, post-amplifier adopts GaAs module. Optimized circuit design coordinate with our 10 years design experience, the device achieve high performance index. The adjustment of RF attenuation and equalization both adopts fixed attenuator inserter that makes the engineering debug very convenience. It is the main products to build CATV network.

## Performance Characteristic

1. High response PIN photoelectric conversion tube.
2. 10 bar LED optical power instructions, more accurately display the optical power.
3. Optimized circuit design, the pre-stage adopts SMT processing, while post-stage adopts module amplify typical circuit that makes the RF signal linear more prefect.
4. The adjustment of RF attenuation and equalization both adopts fixed attenuator inserter, EQ position insert ATT inserter can change the equilibrium, so the engineering debug is very convenience.
5. Double power output, high gain and low distortion.
6. Optical AGC control, when input optical power is  $-7\sim+2\text{dBm}$ , the output level, CTB, CSO basically unchanged.