# **CATV** FTTH-OR22H-WDM Series Optical Receiver

## Performance characteristics




- High-quality aluminum profile shell with good heat dissipation.
- RF channel full GaAs low noise amplifier circuit. The digital signal satisfies -15dBm reception and the analog signal satisfies -10dBm reception.
- With light input AGC function (AGC range can be customized).
- Low-power design, high-efficiency switching power supply ensures high reliability and high stability of the power supply. The overall power consumption is less than 2W, with a light detection circuit.
- Can be built-in WDM, single-fiber home (1490/1310/1550nm) triple-network convergence applications.
- Multi-stage lightning protection devices (TVS TVS diodes) and lightning protection systems ensure the safe operation of the equipment.
- SC/APC or FC/APC or custom optical connectors, male or female RF interfaces.
- Output power supply can be achieved. Single or dual output can be achieved.

## Applications

The FTTH-OR22HH-WDM optical receiver is a home optical receiver with optical fiber access as its ultimate goal. It is suitable for FTTH (fibre to the home) network fiber subscriber access terminals, enabling analog or digital signals to enter the home. The machine uses low-power photodetectors, GaAs and optical AGC technology to meet the fiber-to-the-home CATV reception needs.

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**If you need more information, please contact us!**