

Article Overview

Leading CATV optical receiver manufacturers are primarily based in China, with key suppliers including Fuzhou Huiyuan, Shenzhen Wolck, Zibo Hensure, Zhuhai Gecen, Shandong Wanshuo, and Hangzhou Hengchi.

Key Manufacturing Hubs

China dominates global CATV optical receiver production, with major clusters in:

- o Shandong Province: Cities like Qingdao and Zibo host mature manufacturers with large-scale facilities, skilled engineers, and established supply chains, ideal for high-volume production .
- o Guangdong Province: Shenzhen and Guangzhou excel in integrating CATV optical receivers with broader networking products, offering fast prototyping and agile production .
- o Zhejiang Province: Specialized in fiber network technologies, supporting both niche and large-scale projects .

Notable Manufacturers

- o Fuzhou Huiyuan - Offers reliable indoor/outdoor CATV receivers for FTTH, HFC, and PON networks, with AGC and WDM functionality .
- o Shenzhen Wolck - Known for high bandwidth receivers (47-2600 MHz) and fast delivery for small trials or mass deployment .
- o Zibo Hensure - Focuses on large-scale production and compliance with international standards like ITU-T G.983/G.984 and DOCSIS .
- o Zhuhai Gecen - Provides customizable solutions for passive and active CATV architectures .
- o Shandong Wanshuo - Manufactures optical transmitters, amplifiers, and receivers widely used in global projects .
- o Hangzhou Hengchi - Specializes in fiber-optic solutions for FTTH and GPON networks .
- o Greatway Technology Co., Ltd. - OEM/ODM supplier for North American standards, offering cost-effective CATV fiber optic receivers .
- o Accelight Technologies, Inc. - US-based ODM with production in China and Thailand, providing carrier-class optical modules and amplifiers for CATV and telecom networks .

Selection Criteria

When choosing a CATV optical receiver manufacturer, consider:

- o Technical capability: Support for AGC, WDM, RF output, and compliance with ITU-T, DOCSIS, FCC, or CE standards .



CATV optical receiver manufacturers

- o Production scale and flexibility: Ability to handle small trials or mass deployment.
- o Customization and integration: Capability to adapt receivers for specific network architectures.
- o Reliability and after-sales support: Warranty, quality control, and supplier assessment procedures.
- o Geographic advantages: Proximity to supply chains and electronics ecosystems for cost efficiency and faster prototyping . These manufacturers collectively provide a wide range of CATV optical receivers suitable for FTTH, FTTB, HFC, and GPON networks, catering to diverse project scales and technical requirements.

Wholesale High-performance Mini Optical Nodes for FTTH & CATV. Features include WDM Passive, Active AGC, and Triplexer

A CATV receiver (fiber optic RF receiver) converts optical signals into RF output for distribution across coaxial networks. These

CATV RF Optical Receiver 1310-1550 nm 45-862/1003 MHz This is our latest high-end two-way output

Premalink - High Quality CATV Optical Node/Receiver Manufacturer in China. Works at CATV broadband

Alibaba offers 252 Catv Receiver Suppliers, and Catv Receiver Manufacturers, Distributors, Factories, Companies. There are 172

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H1224, the operating bandwidth of 47 ~ 1200MHz, is a low power, high performance, cost-effective triple play, FTTH CATV optical

CATV receiver solutions from Maxcom convert optical signals to RF for CATV, RFoG, and HFC networks. High output, AGC, and

Sanland is a professional and reliable manufacturer of CATV Optical Receiver. We look forward to serving you for all your needs.

Specializing in turnkey broadcast CATV solutions with a full range of encoding and decoding equipment to easily transport signals

What Are the Best CATV Optical Receiver Manufacturer Suppliers? Based on operational data, performance metrics,

Huatai H9122, the operating bandwidth of 47~862MHz, Products with high sensitivity optical receiver tube



CATV optical receiver manufacturers

and Huatai special low

Spec Technology is a leading manufacturer of CATV, FTTH and fiber optic network equipment including EDFA, optical transmitters,

CATV Receivers & Nodes (OTPN) Indoor PremiseNode and Outdoor MetroNode Premise Optical Nodes

Optic Transmitter; EDFA; CATV Equipment; CATV; Optic Receiver Supplier, Optic Transmitter, EDFA Manufacturers/ Suppliers -

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