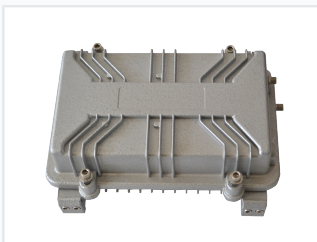


# Outdoor CATV Optical Transmitter

This optical transmitter is designed for transmitting TV signals over long distances. When paired with an appropriate erbium-doped fiber amplifier (EDFA), it can transmit signals up to 30 kilometers while maintaining good CNR, CSO, and CTB indicators.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Outdoor CATV Transmitter

The YOT-1310/1550nm series optical transmitter is engineered for reliable long-distance TV signal transmission and network expansion. Utilizing advanced DFB lasers, digital driver circuitry, and microprocessor control, this unit maintains high signal integrity over distances up to 30 kilometers when paired with an EDFA. Designed for demanding outdoor environments, it supports flexible deployment options including FTTH applications with adjustable output levels and wide bandwidth capabilities.

## Key Features

Advanced Capabilities	FTTH Ready, AGC Function, Adjustable Output, Microprocessor Control, Double Outputs
Bandwidth	1200 MHz

## Optical Specifications

### Optical Performance Table

Parameter	Value	Unit
Input Power Range	-8 ~ +2	dBm
Return Loss	>45	dB
Wavelength	1100 ~ 1600	nm

## Link Performance

### Signal Quality Metrics

**50 dB**

C/N

**65 dB**

C/CTB

**63 dB**

C/CSO

## Connectivity

### Connector Type

FC/APC • SC/APC