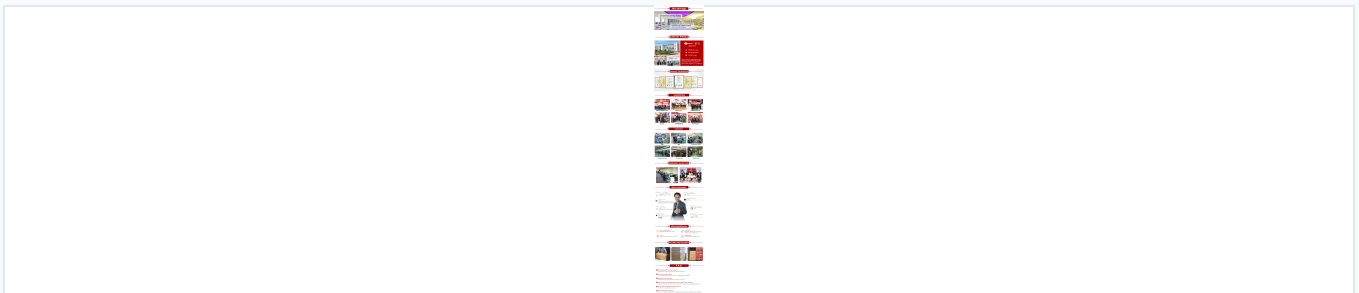


Fiber Satellite Optical Receiver

This fiber satellite optical receiver is compatible with GPON and EPON. It is applicable with any FTTx PON technology.



Overview



The receiver features a compact design with clear interface labeling for easy installation and integration into satellite systems.

High-Performance Satellite Optical Receiver

This Fiber Satellite Optical Receiver is engineered for robust satellite optical systems, offering seamless compatibility with GPON, EPON, and various FTTx PON technologies. It features a wide operating frequency range of 47-2150MHz with excellent linearity and flatness, ensuring high-quality signal transmission. Designed for reliability, the unit includes built-in optical AGC functionality and is optimized for connection to 5-input series satellite multiswitches.

Technical Specifications

Input Optical Wavelength

- 1510nm
- 1570nm

Frequency Range	2150 MHz
Output Impedance	75 Ω
Power Consumption	10 W
Power Supply	20 VDC
Dimensions	195 x 135 x 45 mm

Connectivity

Connectors

Interface Type	Connector
RF Connector	F-female
Optical Connector	SC/APC
Power Supply	F-female

Performance Metrics

Key Performance Metrics

75 dBV_r

Output Level

1 dB

AGC Stability

Features

Key Features

GPON/EPON Compatible, Built-in CWDM, Optical AGC Function, High Linear PD, Single-mode Fiber, LED Power Indicator