

## TECHNICAL DATASHEET

### 4-Channel Cable TV Return Path Optical Receiver

Multi-Channel Return Path RF over Fiber Receiver



The Thor 4-Channel Cable TV Return Path Optical Receiver is designed for multi-channel RF return path transport over fiber in CATV and broadband networks. It converts optical return path signals into multiple RF outputs for headend processing, cable modem aggregation, and interactive services. Ideal for HFC networks, broadband infrastructure, and long-distance return path RF distribution.

### Key Features

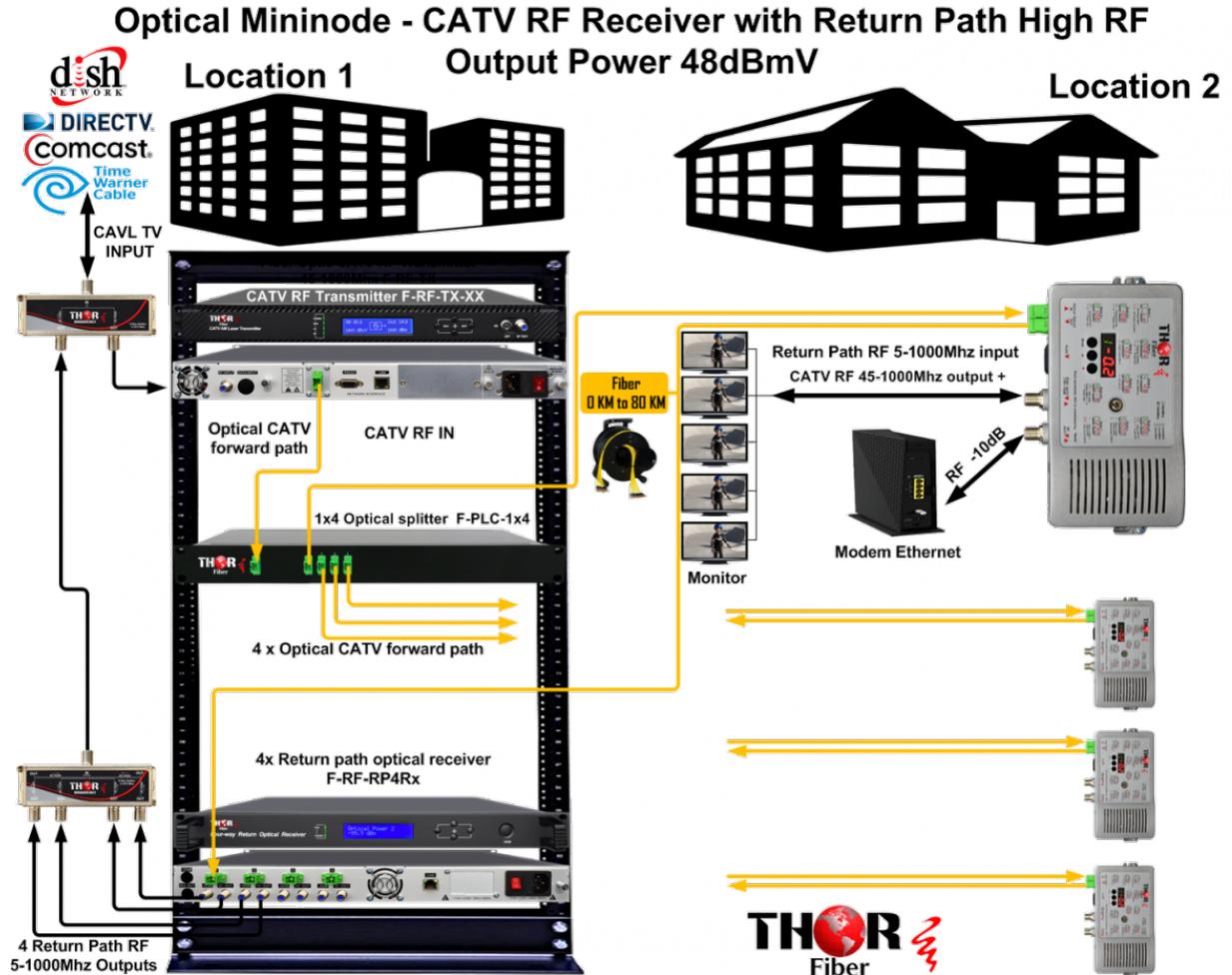
- 4-channel return path RF receiver over fiber
- Supports 5-42 MHz return path frequency range
- High sensitivity optical detection
- Low noise and stable RF output
- Single mode fiber operation
- Rack mount professional design



## Technical Specifications

Return Frequency Range	5-42 MHz
Number of Channels	4 RF Return Outputs
Optical Wavelength	1310 nm
Fiber Type	Single Mode
Optical Input Range	-10 to +2 dBm
RF Output	75 Ohm F-Type
CNR	> 50 dB
Operating Temperature	0 to 45 C
Power Supply	AC 90-250V
Form Factor	1U Rack Mount

## Typical Application



### Product Page QR Code



<https://thorbroadcast.com/product/4-ch-cable-tv-return-path-receiver.html>