

Outdoor CATV Signal Amplifier

This outdoor CATV signal amplifier enhances signal strength within cable television networks. It has a bandwidth of 85~1218MHz when the equalizer has a 10dB slope.



ADDITIONAL IMAGES



Product Overview



The amplifier is designed for high-performance signal distribution with low noise and wide bandwidth, suitable for both residential and commercial CATV systems.

High-Performance Outdoor Signal Amplification

This Outdoor CATV Signal Amplifier is engineered for robust performance in professional cable television networks, providing reliable signal enhancement in demanding environments. Featuring a wide bandwidth of up to 1218MHz, it supports modern high-capacity data and video transmission requirements. The unit is housed in a rugged, weatherproof enclosure designed to withstand harsh outdoor conditions while maintaining optimal signal quality and minimal distortion.

Key Features

Core Capabilities

- Rugged weatherproof enclosure for outdoor durability
- Advanced circuitry for minimal signal distortion
- Multiple input/output ports for flexible integration
- Customizable Reverse/Forward frequency ranges
- High-performance amplification for residential and commercial CATV

Frequency & Bandwidth

Frequency Specifications

Parameter	Forward Path	Reverse Path
Pass Band (MHz)	85-1218	5-65
Flatness (dB)	±0.75	±0.75
Min Full Gain (dB)	e35	25

Signal Performance

Performance Metrics

35 dB

Forward Gain

1218 MHz

Max Bandwidth

10 dB

Equalizer Slope

Adjustment & Control

Adjustment Ranges

Feature	Forward Range	Reverse Range
Attenuator	0 - 20 dB (1 dB step)	0 - 20 dB (1 dB step)
Equalizer	0 - 20 dB (1 dB step)	0 - 5 dB (1 dB step)
RF Test Point	-20±1.5 dB	-20±1.5 dB

Technical Standards

Standards & Compliance

PAL-D Compatible, CE Certified, Outdoor Rated, Low Noise

Customization Options

Available Frequency Ranges

- 5-42 / 54-1218 MHz
- 5-65 / 85-1218 MHz
- 5-85 / 105-1218 MHz
- 5-204 / 258-1218 MHz

Service & Support

Warranty & Support

1 Year Warranty • OEM/ODM Available • 24h Online Service