

# Cable TV Distribution Amplifier

This cable TV distribution amplifier is designed for indoor use. It enhances signal strength and quality within cable television systems.



## Product Overview

### Professional CATV Distribution Amplifier

This high-performance distribution amplifier is engineered for indoor cable television systems, utilizing advanced SMD technology and push-pull high-frequency circuits to ensure signal integrity. The unit features robust metal shell shielding to effectively isolate internal components and prevent RF interference, maintaining high gain and excellent signal flatness. Designed for professional reliability, it includes precise gain and slope controls to optimize signal strength across both forward and return paths.

## Technical Specifications

Forward Frequency Range	47 MHz
Forward Path Gain	36 dB
Noise Figure (Max)	8 dB
Return Path Frequency	5-30MHz
Return Path Gain	10 dB

## Connectivity & Power

Connector Type	75Ω-type
Power Supply	230V / 50Hz
Power Consumption	12 W

## Key Performance Metrics

### Signal Output Levels

**117 dBμV**

VHF Output Level

**106 dBμV**

UHF Output Level

## Control Settings

### Adjustment Ranges

Parameter	Range
Forward Gain Control	-1 to 13 dB
Forward Slope Control	-1 to 18 dB
Return Path Gain Control	-1 to 18 dB

## Features

### Design & Construction

Indoor Use, Push-pull Circuitry, SMD Technology, Metal Shell Shielding, RF Interference Protection